

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

~~LAND MARK~~  
~~Del Rio Drilling Programs, Inc.~~

## 3. ADDRESS OF OPERATOR

448 East 4th South, Suite 203, Salt Lake City, Utah 84111

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

660' FWL 660' FSL

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

85 miles from Vernal, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

None

## 16. NO. OF ACRES IN LEASE

## 19. PROPOSED DEPTH

5500'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40 acres

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7483' GR.

## 22. APPROX. DATE WORK WILL START\*

March 23, 1981

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	40.00	300'	Circ. to surface
7 7/8"	5 1/2"	15.50	5500'	440 sx.

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*Randy Caldwell*

TITLE

President

DATE

March 23, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*W.P. Mouton*

TITLE

FOR

E. W. GUYN  
DISTRICT ENGINEER

DATE

APR 13 1981

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPYFLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80*State 046.*

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Del-Rio Drilling Programs  
Project Type Oil Well - Wildcat  
Project Location 660' FWL & 660' FSL - Section 29, T. 14S, R. 20E  
Well No. 29-1A Lease No. U-10166  
Date Project Submitted March 24, 1981

FIELD INSPECTION Date April 8, 1981

Field Inspection  
Participants

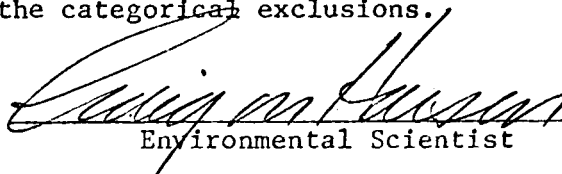
<u>Craig Hansen</u>	<u>USGS - Vernal</u>
<u>Lynn Hall</u>	<u>BIA - Ft. Duchesne</u>
<u>Marion Holeum</u>	<u>Del-Rio Drilling Programs</u>
<u>Leonard Heeney</u>	<u>Ross Construction</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

Related Environmental Documents:  

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

April 8, 1981


Date Prepared

  
Environmental Scientist

I concur

4/13/81

Date

  
District Supervisor

Typing In April 8, 1981 Typing Out April 9, 1981

# CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

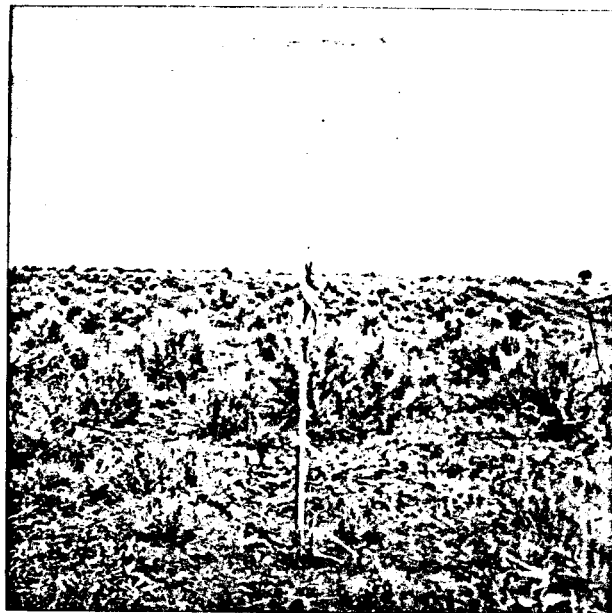
Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety	BIA 4-9-81						2	2,4,6	
Unique charac- teristics							2	2,4,6	
Environmentally controversial							2	2,4,6	
Uncertain and unknown risks							2	2,4,6	
Establishes precedents							2	2,4,6	
Cumulatively significant							2	2,4,6	
National Register historic places	/								
Endangered/ threatened species	/								
Violate Federal, State, local, tribal law	/								

RECOMMENDED STIPULATIONS - DEL-RIO DRILLING PROGRAMS 29-1

1. Operator will adhere to standard surface requirements from the BIA.
2. Tanks will be painted a tan color to blend in with the natural surroundings.
3. Access will be given to the east edge of the location to allow traffic to pass through pad and location.
4. Topsoil will be placed on south and north edges and reseeded to protect rehabilitation efforts.

# CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement



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DIVISION OF  
OIL, GAS & MINING

Del Rio #29-1A

- north -

Utah and Curry Agency  
Environmental Analysis and Negative Declaration

1. Description of Proposal:

Del Rio Drilling Programs Inc. proposes to drill an Oil well Oil Company #29-1A to a proposed depth of 5500 feet; to construct approximately 200 ft ~~width~~ of new access road; and upgrade approximately none miles of existing access road. The well site is located approximately 85 miles SW of Vernal, Utah in the SWSW, Sec. 29, T 14S, R 20E, SLB&M.

2. Description of the Environment:

The area is used for livestock, wildlife, deer winter range, scenic hunting, and fishing at Towave Reservoir. The topography is nearly level mesa top of Flat Rock. The vegetation consists of big sagebrush, western wheatgrass, crested wheatgrass

the area is used as wildlife habitat for X deer, antelope, X elk, bear, X small animals, pheasant X dove, X sage grouse, ruffle grouse, blue grouse, bald eagle X, golden eagle, other coyote, bobcat, prairie dogs, wild horses, raptors, magpies, small birds. The climate is characterized by having cold snowy winters and warm dry summers. Temperatures range from -40°F during the winter to 105°F in the summer. The approximate annual precipitation is 10-13 inches. The elevation is 7483 feet.

3. Environmental Impacts:

During construction of the well dust and exhaust emissions will affect air quality. Soil and vegetation will be removed from        acres of land occupied by the well site and access road. The disturbance of the soil and removal of vegetation will:

- A. Destroy wildlife habitat for X deer, antelope, X elk, bear, X small mammals, pheasant, X dove, X sage grouse, ruffle grouse, blue grouse, X rabbit, X golden eagle, bald eagle, other coyotes, small rodents, small birds, reptiles, raptors
- B. Remove from production: X rangeland for livestock grazing, irrigated cropland, irrigated pastureland, prime timberland, pinion-juniper land.
- C. Result in the invasion of annual weeds and will cause accelerated soil erosion: During the construction and production of the well human activity in the area will increase significantly. This is expected to significantly increase: X poaching of wildlife, X disturbance of wildlife, X vandalism of property, X theft of firewood, X litter, X violations, X livestock disturbance, X livestock thefts, X livestock loss to accidents, X increase the hazard to public health and safety. There is a high, X moderate, slight possibility that pollution from this activity will enter a stream or lake.

Production facilities can easily be seen from a: community, major highway, public facility.

4. Mitigating measures:

To lessen the impact on the environment the provisions stipulated in the letter to Mr. Ed W. Quinn, District Engineer, U.S. Geological Survey, dated February 13, 1980 will be implemented. Additional stipulations and changes to the 11 point surface use plan are: (1) obtain right-of-ways and permits from the BIA. (2) observe all USGS, BIA, Tribal regulations and ordinances. (3) Compensate surface owner (Ute Tribe) for damages. (4) Stockpile top soil. (5) Re-habilitate all disturbed land areas by recontouring and re-vegetating when well is abandoned.

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OIL, GAS & MINING

5. Unavoidable adverse effects:

None of the adverse effects listed in item #3 above can be avoided in a practical manner except those which were mitigated in item #4 above.

6. Relationship between short term and longterm productivity:

As long as oil or gas wells are producing and the access roads are retained there will be a total loss of production on the land and the Environmental Impacts will continue to affect the surrounding area. Normally oil and gas wells produce from 15 to 30 years. After the wells stop producing it is standard policy to restore the surface to near its original condition. Occasionally the site occupied by the well or road can be restored to produce as much as it originally produced, but most of the time it can not be restored to its original productive capacity. Therefore, the land surface productive ability will be permanently damaged.

7. Irreversible and Irretrievable commitment of Natural Resources:

There are two irreversible and irretrievable resources commit in this action.

A. Oil or Gas: Oil and gas is a non-renewable resource. Once it has been removed it can never be replaced.

B. Damage to the land surface: There are three causes of damage to the soil surface due to oil or gas wells and road construction. (1) Gravel is normally hauled onto the site as a pad foundation for equipment and traffic to operate on. Gravel has low fertility and low waterholding capacity. Therefore, after the site is restored the gravel must either be removed, or incorporated into the natural landscape. (2) Chemicals are often either accidentally spilled or intentionally applied to the site for weed and dust control. Generally the chemicals are crude oil or production water, which may contain as much as 20,000 PPM of salts. Once chemicals become incorporated in the soil they are difficult to remove and interfere with the soils ability to produce vegetation. (3) Soil compaction occurs where the site is subject to stormy wet weather and traffic from heavy trucks and equipment. Each of the above items cause soil damage and after the site is restored the productive ability of the soil will be damaged permanently.

8. Alternatives:

A. No. program - This alternative refuses the authorization of the application for permit to drill. This action would not allow the operator to enter upon the land surface to drill for oil or gas. Because the minerals usually cannot be developed without encroachment on the surface, the mineral estate is normally and traditionally designated as dominant, and the surface ownership subservient. The mineral operator's conduct is generally prescribed only by the rule of reasonableness and the limitations that he is not permitted to act in a wanton or negligent manner. Within their confines, the operator has considerable latitude in the necessary use of the surface to produce and develop the mineral estate. Therefore if the application for permit is not signed, the operator would undoubtedly initiate court proceedings against the surface owner, in this case the Ute Tribe and the Bureau of Indian Affairs. Historically the courts have upheld the right of the mineral owner to develop the mineral resource regardless of the surface owners desire, therefore the operators rights will likely be upheld if B.I.A. refuses to sign the application for permit to drill this well.

B. Sign the application for permit to drill. This alternative authorizes the operator to drill for oil or gas as prescribed in the application, providing he complies with stipulations which are considered reasonable as specified in paragraph 4 above under mitigating measures.

9. Consultation:

Craig Hansen - USGS - Vernal, Utah

Marion Haughey - Representing - Del Rio Drilling Co.

Leonard Heeney - Ross Construction Co.

*R. Lynn Hall* 4-8-81  
B.I.A. Representative

10. We (concur with or, recommend) approval of the Application for Permit to Drill the subject well.

Based on available information 4/8/81, we have cleared the proposed location in the following areas of environmental impacts:

Yes ☒ No ☐ Listed threatened or endangered species

Yes ☒ No ☐ Critical wildlife habitat

Yes ☒ No ☐ Historical or cultural resources

Yes ☐ No ☐ Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment)

Yes ☐ No ☐ Other (if necessary)

Remarks: \_\_\_\_\_

The necessary surface protection and rehabilitation requirements are specified above.

R. Lynn Hall 4-8-81  
B.I.A. Representative

11. Declaration:

It has been determined that the drilling of the above well is not a Federal action significantly affecting the quality of the environment as would require the preparation of an environmental statement in accordance with Section 102 (2) (c) of the National Environmental Policy Act of 1969 (42 USC 4331) (2) (c).

Henry J. Hall  
Acting Superintendent



FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH  
TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH  
SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-10166OPERATOR: Del-Rio Drilling WELL NO. Oil Canyon 29-1ALOCATION: C SW  $\frac{1}{2}$  SW  $\frac{1}{2}$  sec. 29, T. 14S, R. 20E., SCM  
Uintah County, Utah

## 1. Stratigraphy:

Green River	surface
Wasatch	2390'
Flagstaff	4320'
Mesaverde	4635'
<u>TD</u>	<u>5500'</u>

## 2. Fresh Water:

Fresh water may be present in near surface Green River sandstones.

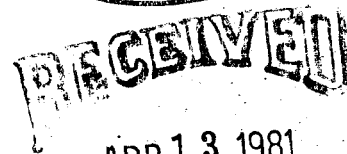
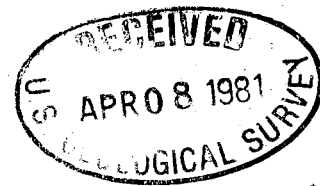
## 3. Leasable Minerals:

Oil shale: Green River.

Oil/gas: Wasatch, Mesaverde

4. Additional Logs Needed: Adequate5. Potential Geologic Hazards: None expected

## 6. References and Remarks:

Signature: Gregory W. WoodDate: 3 - 27 - 81DIVISION OF  
OIL, GAS & MINING

NOTICE OF SPUD

*Landmark Drlg.  
P Del Rio Drlg.*

Caller: Lewis Wells

Phone: \_\_\_\_\_

Well Number: Del Rio 29-1A

Location: SWSW 29-14S-20E

County: Montah State: Utah

Lease Number: U-10166

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): Oil Canyon

Date & Time Spudded: 5-7-81 10:00A.M.

Dry Hole Spudder/Rotary: Air rotary

Details of Spud (Hole, Casing, Cement, etc.): 12 1/4" hole

moved off Rig #2 - moving on <sup>Rig #</sup> 101 to  
drill to 550 -

Rotary Rig Name & Number: Leon Ross Rig #2 -

Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: KR

Date: 5-11-81

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MAY 12 1981

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

*Levinmark*  
Levinmark Drilling Programs, Inc.

3. ADDRESS OF OPERATOR

448 East 4th South, Suite 203, Salt Lake City, Utah 84111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

660' FWL 660' FSL

*SW SW*

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

85 miles from Vernal, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 660'  
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

5500' *Measured*

17. NO. OF ACRES ASSIGNED TO THIS WELL

40 acres

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7483' GR.

22. APPROX. DATE WORK WILL START\*

March 23, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	40.00	300'	Circ. to surface
7 7/8"	5 1/2"	15.50	5500'	440 sx.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: *6-23-81*

BY: *M. S. Menden*

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JUN 2

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Russell Caldwell*

TITLE President

DATE

March 23, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

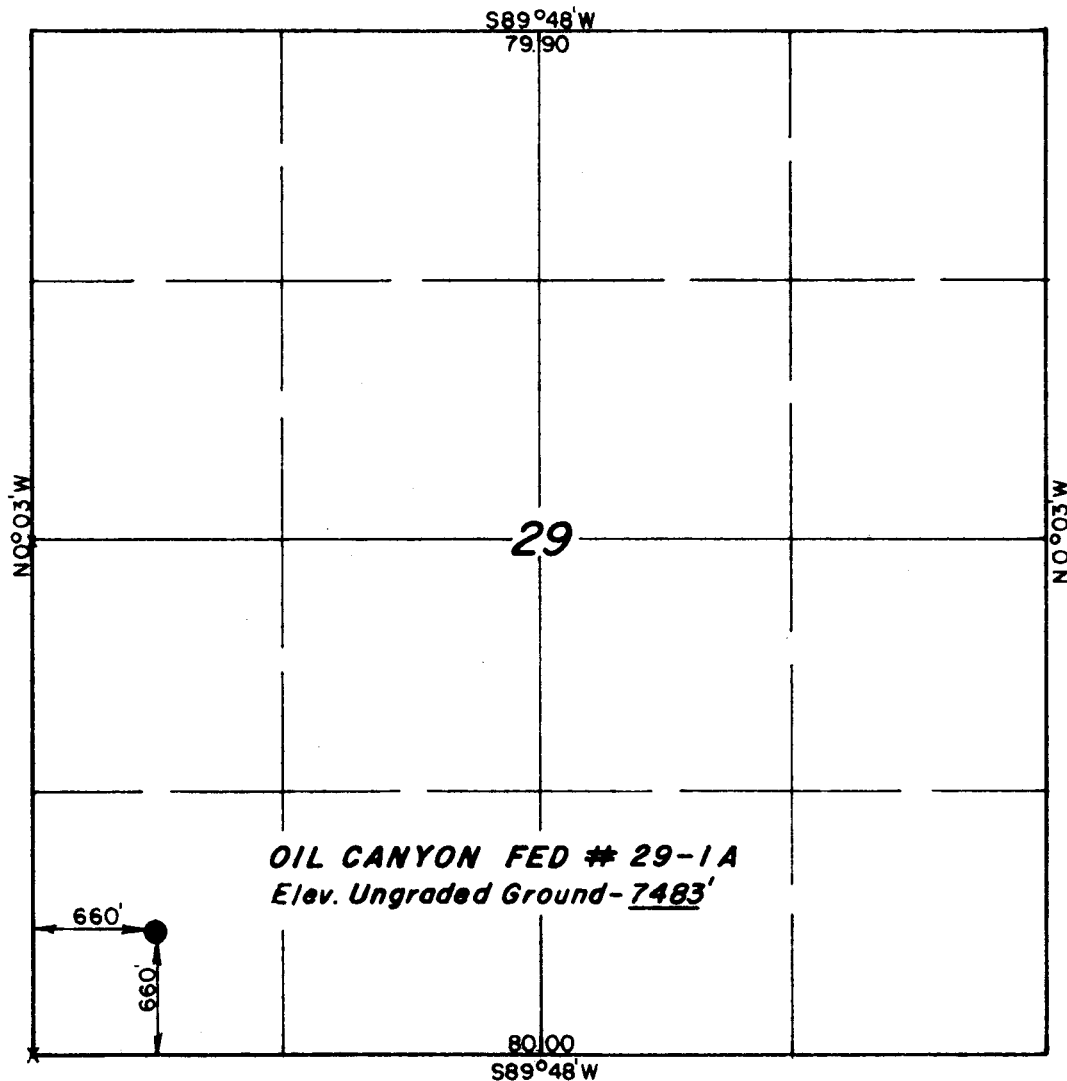
DATE

CONDITIONS OF APPROVAL, IF ANY:

T14S , R20E , S.L.B.&M.

PROJECT  
**DEL-RIO DRILLING PROGRAMS INC.**

Well location, *OIL CANYON FED #29-1A*,  
located as shown in the SW1/4 SW1/4 Section  
29, T14S, R20E, S.L.B.&M. Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Dana Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 3-2-81
PARTY GS FO	REFERENCES GLO Plat
WEATHER Fair	FILE DEL-RIO DRILLING PROGRAMS

PROPOSED LOCATION  
OIL CANYON FED # 29-1A

MAP "A"



SCALE - 1" = 4 Mi.

DEL-RIO DRILLING PROGRAMS, INC.

OIL CANYON 29-1A

SW $\frac{1}{4}$ SW $\frac{1}{4}$  Section 29, T14S-R20E,SLM

660' FWL & 660' FSL

Uintah County, Utah

DRILLING PLAN

1. The geologic name of the surface formation is the Tertiary Green River Formation.
2. Estimated tops of important geologic markers are as follows:

Wasatch Formation:	2390
Lower Wasatch:	3325
Flagstaff:	4320
Mesaverde:	4635
Proposed T.D.:	5500

3. Oil or gas may be encountered in the Wasatch and Mesaverde Formations. No other formations are expected to produce water, oil, gas or other minerals in measurable quantities.

4. Size of Hole	Size of Casing & Wt./ft.	Setting Depth	Quantity of Cement
12 $\frac{1}{4}$ "	8 5/8", 40.0#,new	300'	Circ to surface
7 7/8"	5 $\frac{1}{2}$ ", 15.50#,new	5500'	440 sx.

5. Operator's minimum specifications for pressure control equipment is a 10", 3000 psi hydraulic blowout preventor. Blowout preventor will be tested daily. Refer to Diagram "C".
6. Fresh water base drilling mud will be used for the entire drilling operations, utilizing a dispersed mud system to a total depth. Mud weight will be controlled by controlling drilling solids. Barite will be used for weighting material in the event that abnormal pressures are encountered. Total system volume will be 350 barrels, not including potential reserve pit volume.
7. Auxiliary equipment is as follows:
  - (1) Kelly Cocks
  - (2) Bit Floats
  - (3) A full opening-quick close drill pipe valve is to be located on the derrick floor at all times.

DRILLING PLAN, CONTD.

Del-Rio Drilling Programs, Inc.  
SW $\frac{1}{4}$ SW $\frac{1}{4}$  Sec. 29, T14S-R20E,SLM  
Uintah Co., Utah

Page Two

8. Commercial shows of oil and gas will be tested. We are anticipating drill stem tests in the Wasatch and Mesaverde Formations. No coring is anticipated.

The logging program is as follows:

- (1) Mud logging unit: from 300' to T.D.
  - (2) Dual Induction Laterlog-T.D. to base of surface casing.
  - (3) BHC-Gamma Ray Sonic w/Caliper, Integrated T.D. to base of surface casing.
  - (4) Formation Density/Compensated Neutron: Zones of interest.
9. No abnormal pressures or temperatures are anticipated. No potential hazards such as hydrogen sulfide are expected, based upon well experience in area.
10. The anticipated starting date: April 1, 1981.

  
Lawrence C. Caldwell, II  
President

Salt Lake City, Utah  
March 23, 1981

DEL-RIO DRILLING PROGRAMS, INCORPORATED

13 Point Surface Use Plan

for

Well Location

Oil Canyon #29-1A

Located In

Section 29, T14S, R20E, S.L.B. & M.

Uintah County, Utah



1. EXISTING ROADS

See attached Topographic Map "A".

To reach DEL-RIO DRILLING PROGRAMS, INCORPORATED. well location site Oil Canyon #29-1A. located in the SW 1/4 SW 1/4 Section 29, T14S, R20E, S.L.B. & M.. Uintah County, Utah:

Proceed West from Vernal, Utah along U.S. Highway 40 - 14 miles to the junction of this Highway and Utah State Highway 209; proceed Southerly on this Highway + 7.5 miles to the junction of this highway and Utah State Highway 88; proceed Southerly on this highway + 10.0 miles to Ouray, Utah; proceed South out of Ouray, Utah, on the Seep Ridge Road + 8.0 miles to the point where the Willow Creek Road exits to the South; proceed Southerly on the Willow Creek road + 22.4 miles to the point of where an improved dirt road exits to the Southwest; proceed Southwesterly on this road + 19.4 miles to the point where an improved dirt road exists to the North; proceed Northerly 0.5 miles to the point where the planned access road (to be disussed in Item #2) leaves the existing road and proceeds in a Northwesterly direction to the proposed location site.

The Highways mentioned in the foregoing paragraph are bituminous surfaced roads to the Seep Ridge Road at which point the roads are dirt and constructed of native materials acquired during construction. These materials range from a sandy-clay material to a sandstone and shale material with some gravel.

There will be no construction on the above described roads. These roads will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase, of this well at such time that production is established.

The highways mentioned above are under Utah State jurisdiction and are maintained by State Road Crews. All of the other roads described above are Uintah County roads and are maintained by their crews. Some of the areas of road furthest South receive a minimum of maintenance from County crews and may require some minor maintenance by Del-Rio Drilling or their sub-contractors. This maintenance will consist of some minor grader work to smooth road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed road re-routing leaves the existing road described in Item #1 in the SW 1/4 SW 1/4 Section 29, T14S, R20E, S.L.B. & M. and proceeds in a Northwesterly direction approximately 200' + to the proposed location site.

This road runs relatively flat. The grade of this road will not exceed a 8% grade. The vegetation along this road consists of sparce amounts of sagebrush and grasses with large amounts of bare earth devoid of vegetation.

The proposed road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to the area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culverts required along this road.

There will be no turnouts required along this access road.

The road will be centerline flagged prior to the commencement of construction.

There are no fences encountered along this access road. There will be no gates or cattleguards required.

All lands involved on this action are under Ute Tribal jurisdiction.

### 3. EXISTING WELLS

There are no known water wells, disposal wells, drilling wells, shut in wells, injection, monitoring or observation wells, for other resources within a one mile radius of this location site.

There are however, four abandoned wells and one producing well within a one mile radius of this location site. (See Topographic Map "B" for the location of these wells in relation to the proposed well location). This well lies within the Flat Rock Oil Field.

### 4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

There is a DEL-RIO DRILLING PROGRAMS, INCORPORATED producing well location approximately 3700' Northwest of the proposed location site. This location has existing production facilities consisting of two storage tanks and oil gathering lines from the well to the storage tanks. See Topographic Map "B" for location of this well and facilities.

At the present time there are no gas gathering lines, injection or disposal lines within a one mile radius of this location site belonging to DEL-RIO DRILLING PROGRAMS, INCORPORATED.

In the event that production of oil from this well is established, plans for a flowline from this location to existing lines in the area will be submitted to the proper authorities and the existing area of the location will be utilized for the establishment of the necessary production facilities.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

If there is any deviation from the above, all appropriate agencies will be notified.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Item #10 and these requirements and standards will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

Water to be used for the drilling of this well will be hauled by truck from Towave Reservoir located in Section 25, T14S, R19E, S.L.B. & M. Water will be hauled over the existing roads and the proposed access road approximately 3.0 miles to the proposed location site.

In the event this is not a suitable source an alternate source will be decided upon and all concerned agencies will be notified.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site shall be borrow material accumulated during construction. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

All surface disturbance area is on Ute Tribal lands.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

All garbage and other waste material will be contained in a trash basket made of small mesh wire and will be taken to the nearest sanitary landfill for disposal upon completion of the well.

A portable chemical toilet will be supplied for human waste.

#### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

#### 9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.I.A. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest sanitary landfill.

As mentioned in Item #7, the reserve pits will be completely fenced with wire and overhead flagging installed if there is oil in the pits, and then allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed the location site will be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner, and in strict conformity with the above mentioned Item #7 and #10.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "A")

The terrain of the general area slopes from the rim of the Book Cliff Mountains to the South to the Green River to the North and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstone, conglomerate, and shale deposits.

The majority of the washes and streams in the area are non-perennial in nature with the only two in the area having a year round flow being Willow Creek to the East and Hill Creek to the West, of which the numerous washes, draws and non-perennial streams are tributaries.

All drainages in the immediate areas are non-perennial streams, flowing to the Southwest and are tributaries to Hill Creek.

The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during the early spring run-off and during extremely heavy rain storms of relatively long duration. This type of storm is rather uncommon as the normal annual precipitation is around 8".

The soils of this semi-arid area are of the Green River Formation from the Eocene Epoch (Tertiary Period) and the visible geologic structures of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerate and shale).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, cedar and juniper trees, areas of sagebrush, rabbitbrush, some grasses and cacti, and large areas of bare soils devoid of any growth. In the areas in the vicinity of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses, and cacti can be found.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to this area.

DEL-RIO DRILLING PROGRAMS, INCORPORATED  
Oil Canyon #29-1A  
Section 29, T14S, R20E, S.L.B. & M.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area - (See Topographic Map "B").

Oil Canyon #29-1A is located in the West side of a large mesa known as Flat Rock Mesa. This mesa extends in a Northwest-Southeast direction and the sides are relatively steep.

The majority of the drainages in the area around this location are non-perennial in nature and run in a Northerly direction into Hill Creek, which is located approximately 1 mile Northwest of the proposed location site.

The geologic structure of the area immediately surrounding the location site is of the Green River Formation and consists of light brownish-gray sandy clay with some sandstone outcrops.

The terrain in the vicinity of the location site slopes from the Northeast through the location site to the East at approximately a 2% grade.

The vegetation in the immediate area surrounding the location site is predominately sagebrush and grasses.

All lands disturbed by this location site and road are under Ute Tribe jurisdiction.

There are no occupied dwellings or other facilities of this nature in the general area.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Larry Caldwell  
448 East 4th South, Suite 203  
Salt Lake City, UT 84111

1-801-355-8028

DEL-RIO DRILLING PROGRAM, INCORPORATED  
Oil Canyon #29-1A  
Section 29, T14S, R20E, S.L.B. & M.

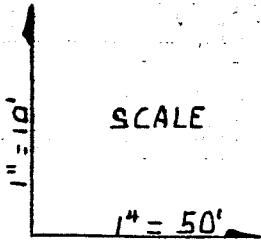
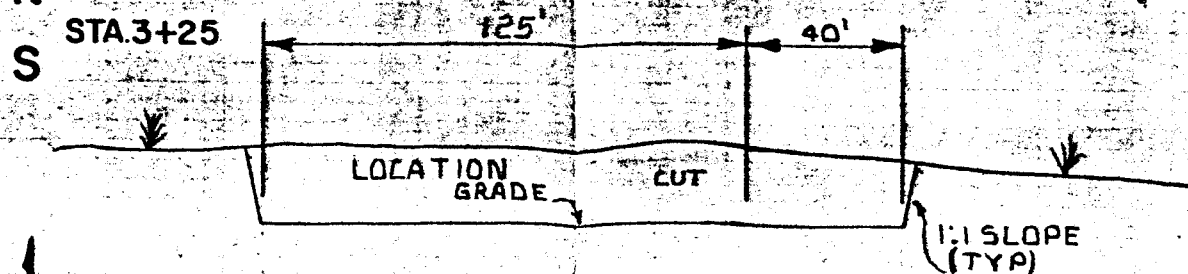
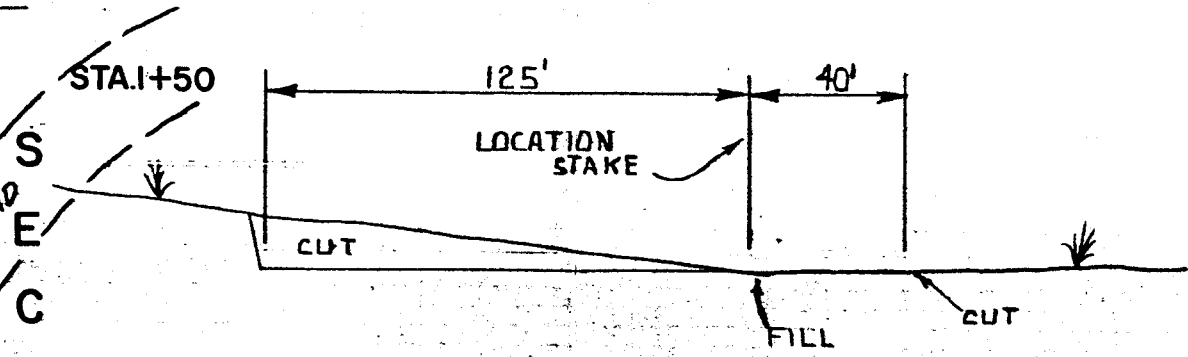
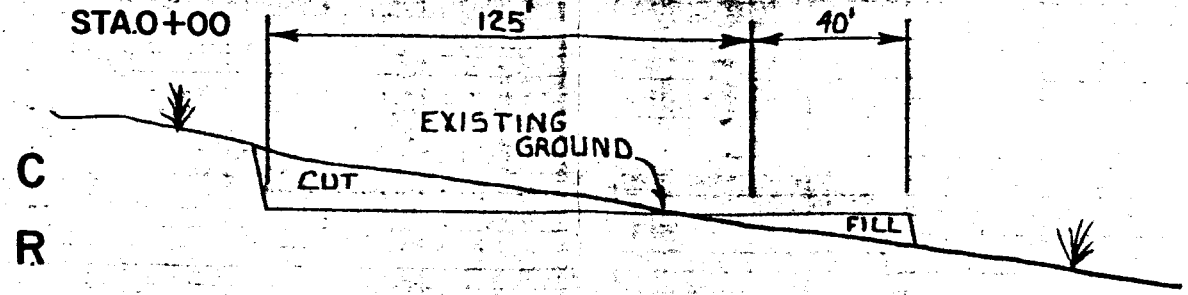
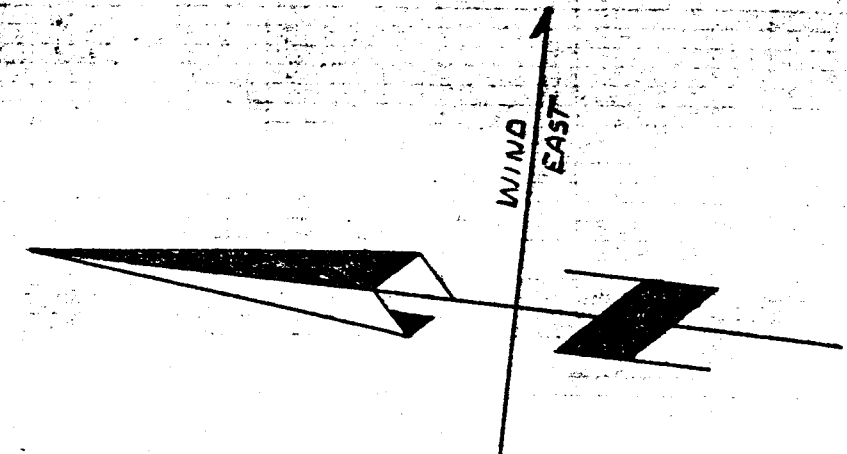
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by DEL-RIO DRILLING PROGRAMS, INCORPORATED and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

\_\_\_\_\_  
Date

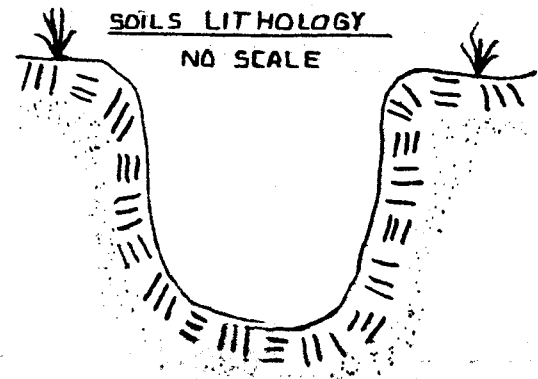
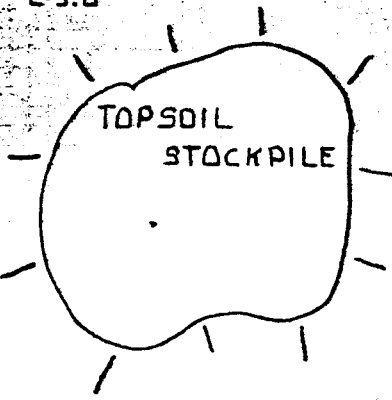
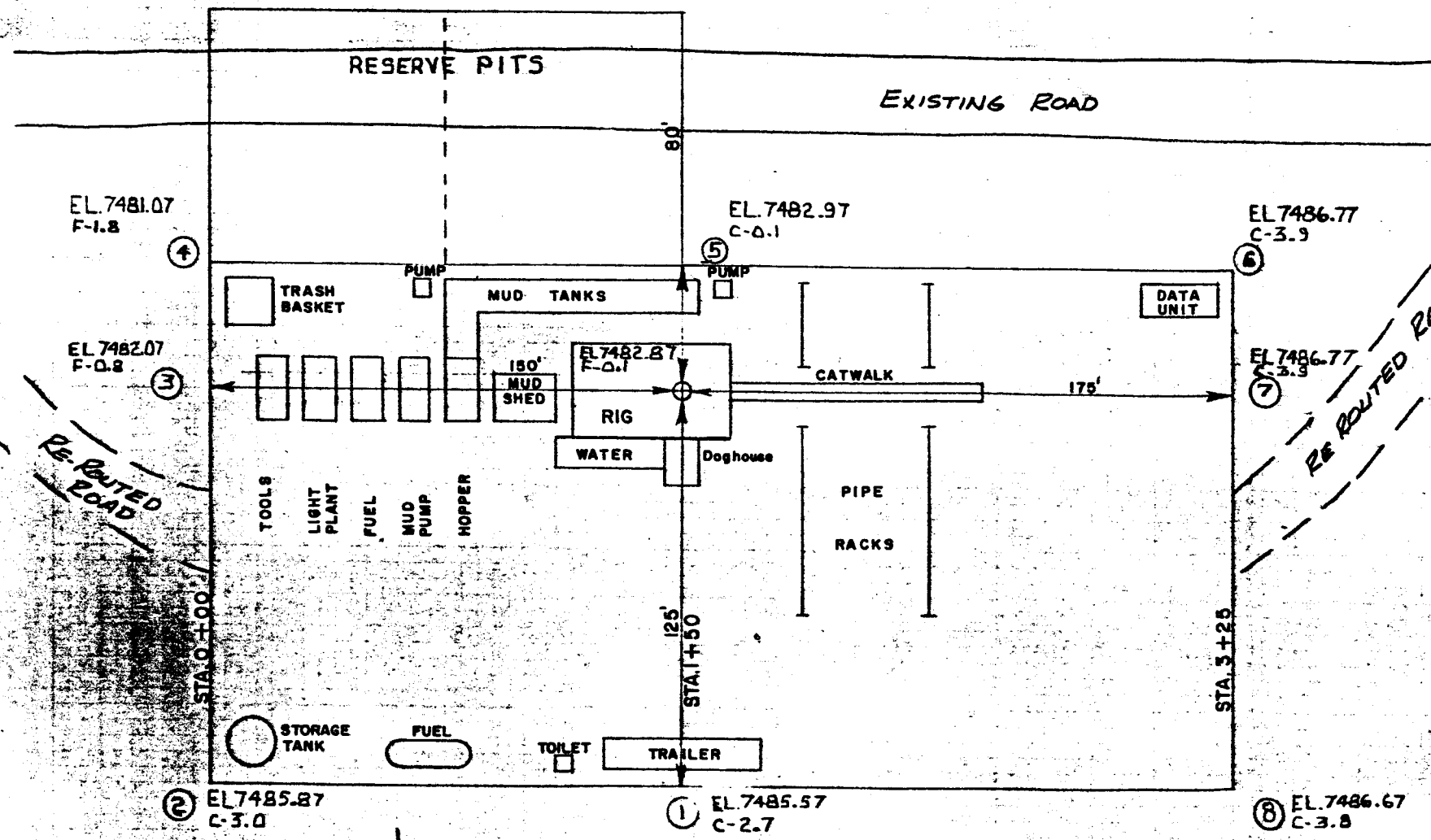
\_\_\_\_\_  
Larry Caldwell

DEL - RIO DRILLING PROGRAMS INC.  
OIL CANYON FED # 29-1A

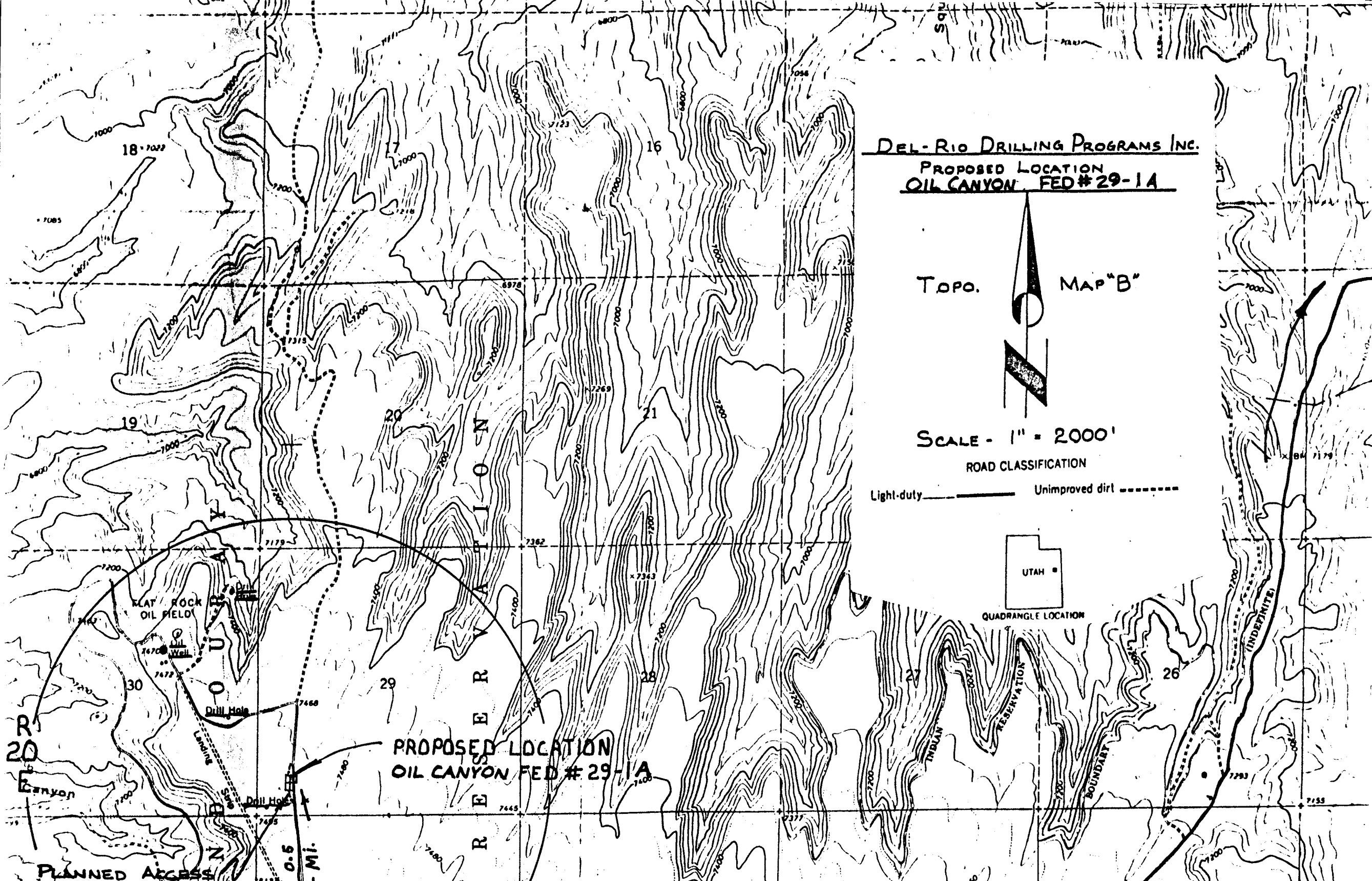


APPROXIMATE YARDAGE

Cubic Yards of Cut - 3256.86  
Cubic Yards of Fill - 215.90







DEL-RIO DRILLING PROGRAMS INC.

PROPOSED LOCATION  
OIL CANYON FED #29-1A

TOPO.

MAP "B"

SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty ————— Unimproved dirt - - - - -

UTAH

QUADRANGLE LOCATION

INDIAN  
RESERVATION

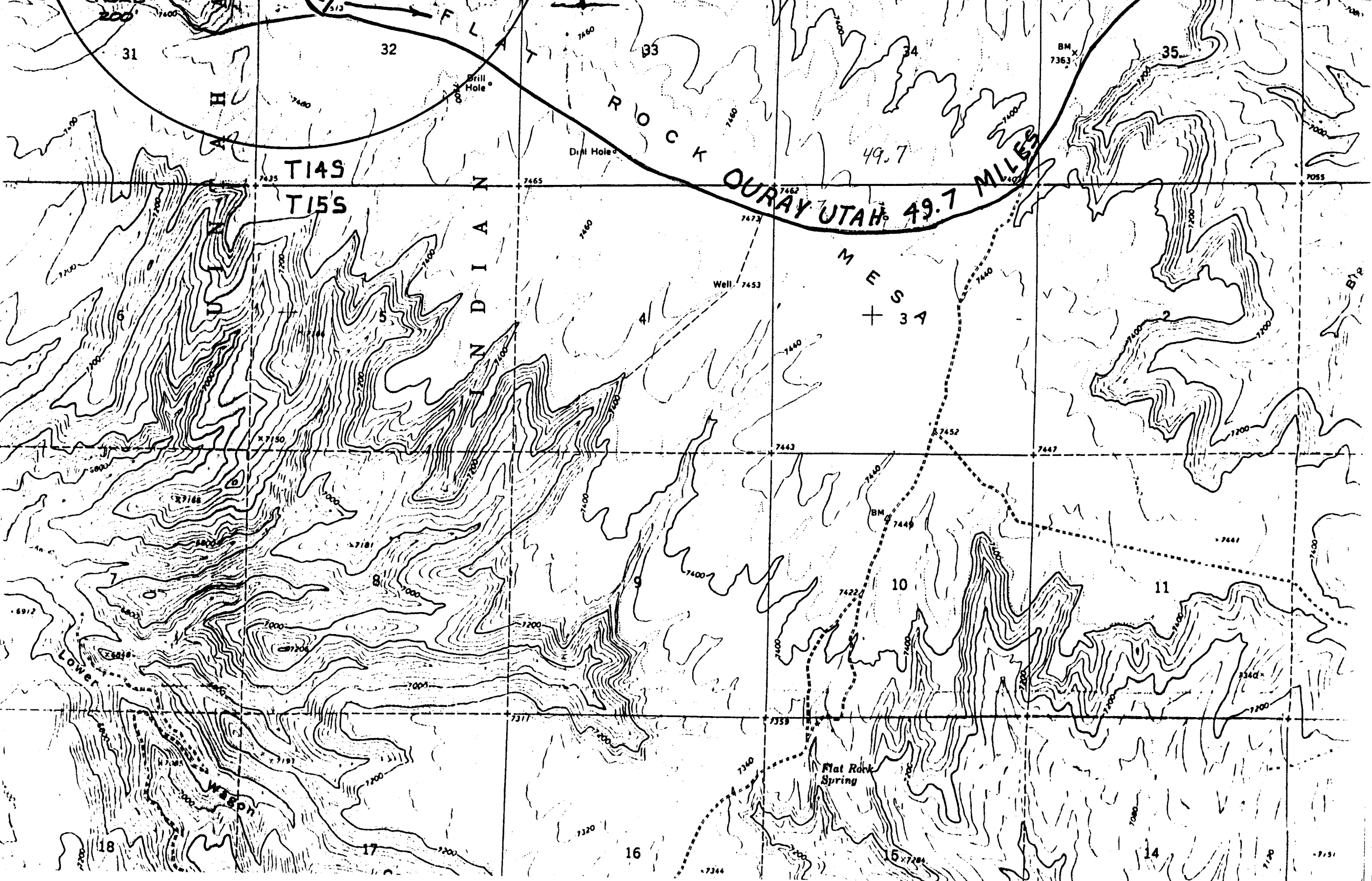
BOUNDARY

INDEFINITE

PROPOSED LOCATION  
OIL CANYON FED #29-1A

PLANNED ACCESS

0.5  
- Mi.



LARRY Caldwell  
~~533~~ 8028  
355

**\*\* FILE NOTATIONS \*\***

DATE: June 11, 1981  
OPERATOR: Landmark  
WELL NO: Oil Canyon 29-1A  
Location: Sec. 29 T. 14S R. 20E County: Montana

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-047-30981

**CHECKED BY:**

Petroleum Engineer: M. J. Munder 6-22-81

Director: \_\_\_\_\_

Administrative Aide: ok as per Rule C-3; OK on boundaries, ok on any other dirt gas wells.

**APPROVAL LETTER:**

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed.

Plotted on Map ☐

Approval Letter Written ☒

Hot Line ☒

P.I. ☒

June 24, 1981

Landmark Drilling Programs, Inc.  
448 East 4th South, Suite #203  
Salt Lake City, Utah 84111

RE: Well No. Oil Canyon #29-1A  
Sec. 29, T. 14S, R. 20E,  
Uintah County, Utah

Since drilling has already commenced on this well and your application was not filed with the State nor approval given for a permit to drill said well by the State of Utah you are presently in violation of the Oil & Gas Conservation act. (It is assumed that this was not intentional but nearly and oversight on your behalf.) As such, and since the above referred to oil well will meet the requirements of Rule C-3, General Rules and Regulations and Rules of Practice and Procedure, approval to drill said well is hereby granted. ~~(This is a mistake)~~. (Should this occur again, you will be required to appear before the Board of Oil, Gas and Mining to explain why you shouldn't be prohibited from operating in the State of Utah. Please exercise more diligence in the future.)

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30981.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

*M. T. Minder*

# Landmark Drilling Corporation

February 11, 1982

**RECEIVED**  
FEB 16 1982

State of Utah  
Department of Natural Resources  
Div. of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, UT 84114

**DIVISION OF  
OIL, GAS & MINING**

Gentlemen:

With reference to the Del-Rio 29-1A well, our records indicate that we have previously sent the Dual Lateral log pertaining to this well; we are enclosing herewith the following materials to complete your records:

- (1) Prolog Log
- (1) Density Log
- (1) Mud Log
- (1) Geological Log
- (1) Daily Drilling Report
- (1) Daily Completion Report
- (1) Completion Report

I trust that the enclosed information will fulfil your requirements.

Very truly yours,

  
Lewis F. Wells

LFW:dj  
Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5

13

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____																				
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____																		
2. NAME OF OPERATOR Landmark-Del Rio D.P. Inc.																									
3. ADDRESS OF OPERATOR 4764 S. 900 East SLC, Utah 84117																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' f/west line; 660' f/south line T 14 S, R 20 E At top prod. interval reported below same At total depth same																									
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 29, T 14S, R 20 E																									
12. COUNTY OR PARISH Uintah																									
13. STATE Utah																									
14. PERMIT NO. 43-047-30981																									
15. DATE SPUDDED May 5, 1981																									
16. DATE T.D. REACHED July 7, 1981																									
17. DATE COMPL. (Ready to prod.) Sept. 26, 1981																									
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7483' GR, 7496 KE																									
19. ELEV. CASINGHEAD																									
20. TOTAL DEPTH, MD & TVD 6248'																									
21. PLUG, BACK T.D., MD & TVD 3850'																									
22. IF MULTIPLE COMPL., HOW MANY? Single																									
23. INTERVALS DRILLED BY 6248 from surface																									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3587-3615, Tuscher Fm. MD																									
25. WAS DIRECTIONAL SURVEY MADE No																									
26. TYPE ELECTRIC AND OTHER LOGS RUN Dresser-Atlas- DL-GR, CD & GR. Prolog.																									
27. WAS WELL CORED No																									
28. CASING RECORD (Report all strings set in well)																									
<table border="1"><thead><tr><th>CASINO SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8 5/8"</td><td>J-55 25#</td><td>580' MD</td><td>12 1/2"</td><td>300 sx class "B" ret. to surface</td><td>0</td></tr><tr><td>5 1/2"</td><td>K-55 15.5#</td><td>6248</td><td>7 7/8"</td><td>890 sxCl. "H" 2% KCl</td><td>0</td></tr></tbody></table>								CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8 5/8"	J-55 25#	580' MD	12 1/2"	300 sx class "B" ret. to surface	0	5 1/2"	K-55 15.5#	6248	7 7/8"	890 sxCl. "H" 2% KCl	0
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5 1/2"	K-55 15.5#	6248	7 7/8"	890 sxCl. "H" 2% KCl	0																				
29. LINER RECORD																									
30. TUBING RECORD																									
31. PERFORATION RECORD (Interval, size and number) See attached copy																									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. See attached copy																									
33.* PRODUCTION																									
DATE FIRST PRODUCTION Sept. 26, 1981																									
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing 20/64 choke																									
WELL STATUS (Producing or shut-in) shut in																									
DATE OF TEST 9/25/81																									
HOURS TESTED 16 hrs.																									
CHOKE SIZE 20/64																									
PROD'N. FOR TEST PERIOD 0																									
OIL—BBL. 1,300																									
GAS—MCF. 0																									
WATER—BBL. 0																									
GAS-OIL RATIO gas well																									
FLOW. TUBING PRESS. 0																									
CASING PRESSURE 0																									
CALCULATED 24-HOUR RATE 0																									
OIL—BBL. 1,300																									
GAS—MCF. 0																									
WATER—BBL. 0																									
OIL GRAVITY-API (CORR.) ---																									
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) No gas sold																									
TEST WITNESSED BY Joe Duncan, Marion Hugley																									
35. LIST OF ATTACHMENTS Well report, completion report, geologic log, D/A Logs, Mud logs																									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																									
SIGNED <u>Shells</u> TITLE <u>Pres.</u> DATE <u>Feb 10 82</u>																									

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Tertiary Green River	surface	2450'	Horse Bench SS, surface Delta Sandstones, Douglas Cr. SS	Tertiary Wasatch	2450'	Same
Wasatch	2450'	3130'	Calcareous SS, silty-shaly	Tuscher	3130'	"
Tuscher	3130'	4462'	Sandstones, Clear-white, sub rounded quartz, in part friable and unconsolidated	Cretaceous Mesaverde	4462'	"
			No drill stem tests No cored intervals Drilling samples at 10' intervals Gas and Mud log litho descriptions			

## DAILY COMPLETION REPORTS

### 29-1A WELL

August 3, 1981

The Operator, Landmark Drilling moved in and rigged up with Gamache Well Service, Unit No. 14.

August 4, 1981

The Operator installed a well-head and nipped up the B.O.P. and started in the hole with a 5-1/2" casing scraper on 2-3/8 - 4.7 lb., 8 round tubing. Tagged the top of the cement at 6141.35. Total depth on the hole is 6248.

August 5, 1981

The Operator pulled out of the hole, picked up a 5-1/2" flat bottom mill and pre-pressure tested the B.O.P., tagged the cement downhole at 160' high. Pulled out of hole, hooked up a power sub on the hole and broke circulation at 2800 lbs. The mud was still heavy and started drilling with 400 lbs. of circulating pressure and drilled 50' and shut-in.

August 6, 1981

Started drilling on the 29-1 with a workover, downhole string by Gamache. Cut 120' by 3:00 p.m. and made 38 additional feet by 6:30 p.m. Circulated bottoms up and started to displace the hole with 2% KCL water and started out of the hole. Well shut-in.

August 7, 1981

The Operator finished coming out of the hole with 2-3/8" tubing. Ran Gearhart International to the bottom of the hole and ran cement bond logs on the intervals starting at 6235. Gearhart Log from 6235 with 1,000 lbs. pressure on the casing. Set a C 5-1 retrievable packer and ran in the hole to swab.

August 10, 1981

Pulled out of the hole, set nipple for running of Gearhart perforating, set the packer 5-1/2" at 5943' with 14,000 lbs set down pressure. Went back in the hole with Gearhart perforating tools through the tubing and shot the intervals 6121' to 6130' and 6103' to 6097' with 60 shots, 2 shots per foot.



August 11, 1981

Weather - no work. Workover rig could not be flown to the location.

August 12, 1981

Resumed operation on the 29-1A. Swabbed the well down after perforating at 11:30 a.m. No fluid entry made on the first run. Continued swabbing, one run per hour. No fluid recovered. No Gas. Shut-in.

August 13, 1981

After the Operator had swabbed through the tubing of the perforated interval 6121' to 6130', and the interval 6103' to 6097' it was decided that the perforations had not penetrated through the 5-1/2" casing with sufficient penetration into the surrounding formation and through the cement, so the zone was re-perforated. This time through the casing and not through the tubing. The operation was completed and the Operator went back in and swabbed the hole dry, after a high performance perforation by Gearhart. Finished swabbing the hole dry and there was no recovery of fluid or gas after the second performance run.

August 17, 1981

Landmark brought in the Western Company for a treatment of the perforated zones with a 7-1/2% acid and this was followed by a foam frac treatment. The acid treatment was with 7-1/2% HCL Acid, 10,000 gallons, with 10,000 cubic feet of nitrogen ahead of the acid. Average induction rate was 2.47, with a low pressure of 2500 lbs. and a high pressure of 3900 lbs., with 3600 lbs. average. The zone was fract with 22,500 gallons of fluid and 26,750 lbs. of 20/40 mesh sand. The initial shut-in pressure - 2,300 lbs., fifteen minutes after treatment - 2,000 lbs.

August 18, 1981

The Operator arrived on location, bled the well down through the bottomhole packer and then tripped out of the hole and tagged the sand in the casing at 5934'. Ran in the hole with 2-3/8" tubing and washed the sand down to 6,028' and shut-in the well.

August 19, 1981

The Operator ran in the hole to wash down sand from the frac job and washed from 6028' to 6232'. Pulled out of the hole. Four stands. Shut-in the well.

August 31, 1981

Pressure on the tubing, 600 lbs. Fluid level at 3000'. Swabbed well down, started flowing gas and water. Very little pressure. Well shut-in.

September 1, 1981

29-1A Well at the opening at 400 lbs. pressure on the tubing. Bled down. Fluid level remained 3600'. Swabbed down the fluid level to set packer and swabbed dry.

September 2, 1981

No pressure on well. Went in the hole. Tagged fluid level at 3300'. Swabbed down to 4300' and then pulled out of the hole. Went back in with Gearhart and set a cast iron bridge plug 18" long at 5650'. Having completed swabbing tests on the No. 1 area and recovered only water, no gas. After setting packer, Gearhart came out of the hole and went back in with 4" casing perforating gun and perforated two zones - 5414' to 5383' and 5354' to 5310'. On four runs with two shots per foot, .42 diameter, 150 shots. Operator went back in the hole with 5-1/2" SOT, Mountain States Packer. Well shut-in.

September 3, 1981

The well at 55 lbs. of shut-in pressure on the tubing. Ran in the hole and set packer and started swabbing fluid. Level at 4300'. The zone swabbed was 10% oil and gas with 90% water. Packer was set to 5300' and shut-in.

September 4, 1981

Tubing registered 50 lbs. shut-in pressure, 0° on the casing. Started swabbing from the zone with fluid level at 4250'. Swabbed to the packer in four runs. Well shut-in.

September 8, 1981

Pressure on the tubing 300 lbs. Fluid level 3700'. Swabbed fluid level dry and made run every half hour. No new fluid entry. Let stand idle for 2 hours and made 3500' feet of fluid and made a run every hour thereafter. Shut the well in.

September 9, 1981

Pressure on the tubing 50 lbs. Fluid level, 5100'. Swabbed down and made one run every hour. Swabbed dry. Well shut in.

August 20, 1981

No pressure on the well after being shut-in overnight. Pulled out of the hole with the tubing and ran back in the hole with new packer. Set at 5934'. Installed surface tree. Ran in the hole to swab through the tree fluid at 1200'. Made five runs and recovered fluid down to 4800'. Well started flowing and left flowing overnight. Shut-in.

August 21, 1981

Opened the well and flowed returns of frac fluid and nitrogen back into the pits. Foam and frac water. Flowing pressure 50 lbs.

August 22, 1981

Flowed the well to the pits and the well died at 10:00 a.m. Ran back in the hole with tubing and swabbed. No fluid. Made one run with no returns. Shut-in the well.

August 25, 1981

The Operator, on arriving at the location, no pressure indicated on the tubing. Ran in the hole and swabbed down and found fluid level at 5800'. Swabbed well dry after two hours and thirty minutes. Made swab run every hour thereafter. No fluid. No pressure. Shut-in well.

August 26, 1981

Arrived on location - 65 lbs. pressure on tubing. Bled off in 15 minutes. Went in with swab and swabbed fluid level at 4800'. Swabbed dry in two hours. Started making one swab run per hour. Shut-in for build-up. No fluid entry. No build-up in pressure. Shut-in overnight.

August 27, 1981

Morning pressure checked in at 80 lbs psi on the tubing. Bled off in 15 minutes. Ran in with the swab and found fluid at 3800'. Swabbed fluid out of the hole and shut-in for buildup. At 10:30 pressure had increased to 280 lbs. shut-in. Made two swab runs. Swabbed dry. No fluid. Shut-in overnight.

August 28, 1981

Shut-in well for pressure build-up. 500 lbs. shut-in on the tubing.

September 10, 1981

Tubing pressure - 45 lbs. Fluid level - 5100'. Swabbed down. Swabbed dry and made one run per hour. No fluid. Well shut-in.

September 11, 1981

Tubing pressure 45 lbs, shut-in. Fluid level - 4500'. Made one run per hour. Swabbed tubing dry. Shut-in well.

September 12, 13, 1981

Well shut-in over the weekend. No activity.

September 14, 1981

Tubing pressure 300 lbs. Fluid level 3600'. Swabbed dry after one run per hour. Well shut-in.

September 15, 1981

Tubing pressure 300 lbs. Fluid at 3600'. 00 on casing. Swabbed dry and made one run per hour. Well shut-in.

September 16, 1981

Tubing pressure 300 lbs. Fluid level - 3600'. Started swabbing. Swabbed well dry. Released the packer (S.O.T.). Swabbed the casing dry and then pulled out of the hole. Well shut-in.

September 17, 1981

Tubing pressure 200 lbs. Finished pulling out of hole and laid down the packer. Ran in the hole with Gearhart and set cast iron bridge plug - 18" long at 3850'. Middle zone phase two proved unproductive. Recovery of fluid from the hole analyzed, calculated and assumed to be formation water. Operator pulled out of hole after setting cast iron bridge plug and went in the hole with Gearhart perforating gun to perforate the following zones: 3587' to 3615'. This zone was perforated 2 shots per foot for a total of 56 shots, .42 in diameter. After perforating casing, swabbed with no fluid recovery, 60 lbs on the casing. Run in the hole with tubing. Well gasing during trip to the top of the cast iron packer.

September 18, 1981

700 lbs. pressure on tubing. 150 lbs. pressure on the casing. Opened well to the pit. Flowed gas flame about 12' high and 8' wide. Shut-in the well.

September 19, 1981

500 lbs. pressure shut-in on the tubing.

September 20, 1981

750 lbs. pressure on the tubing.

September 21, 1981

825 lbs. pressure on the tubing and 150 lbs. pressure on the casing. Opened well and bled the well down and made swab run but recovered no fluid. Continued to flow well into the pits producing gas since the first flow on September 18, 1981. Well shut-in.

September 22, 1981

800 lbs. pressure on the tubing. Moved in Western Company of North America to give an acid treatment of the upper Tuscher zone - 3587' to 3615'. The perforated zone was treated with 3000 gallons of 7.5% HCL Acid which contained 1500 SCF N<sub>2</sub> per barrel. Total barrels injected - 75. Treating pressure - 7500 lbs. Maximum - 3450'. Average 3400. Rate of injection - 3 barrels. Rate of flush - 3 barrels. Initial shut down pressure - 2600 lbs. Final shut-in - 1700 lbs. in fifteen minutes. Maximum pressures developed during the acid treatment, 4,000 lbs. Following the acid treatment a foam frac was initiated and treated on the same zone as follows: Treating fluid volume was 22,500 gallons. The mesh-size sand 20/40 - 26,750 lbs. Auxiliary materials included 200 lbs. J<sub>2</sub>; 100 lbs. Buffer 1; 1150 lbs. KCL; 5 gallons of clay master. The frac treatment started with the casing pressure of 2100 lbs. with the induction of 124 barrels, followed by 43 barrels of flush. Average pressure of 2100 lbs. Maximum 2600 lbs. Average 2500 lbs. Rate of induction - 5 barrels on the fluid and 5 barrels on the flush. Initial pressure of 2600 lbs. Flushing agents per gallon - 8.42. Operator's maximum pressure 2600 lbs. Total fluid pumped in barrels - 139 barrels. The well was shut-in after frac treatment of 2600 lbs., fifteen minutes after - 1800 lbs.

September 23, 1981

Well started flowing back 20 minutes after frac on 9/22/81. Well came back and flowed on a 10/64 choke. The well unloaded most of the frac fluid by 12:00 p.m. Pressure at 7:00 a.m. was 575 lbs. No tubing in the hole. The pressure averaged 500 to 650 lbs. Made a 2 hour flow test at approximately 750,000 MCF on a 10/64 choke. The well flowed during the night making some frac fluid and continued holding pressure on the 10/64 choke.

September 24, 1981

Pressure on casings 650 lbs. Flowed to pit. Laid down 52 stands and broke out tubing. Well made very little fluid. Still flowing into pits.

September 25, 1981

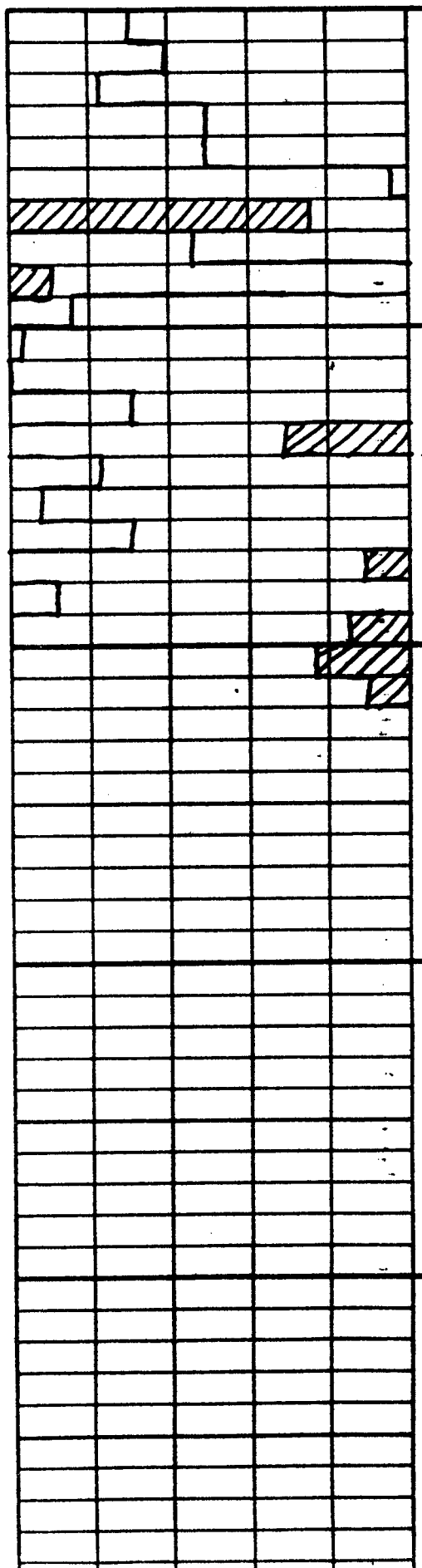
The operator released the Gamache workover rig. Rigged down and moved off the location.

September 26, 1981

The 29-1A was placed on a production flow test with a 10/64 choke. This test was conducted by Petroleum Engineer Marian Hughley, and the pressure maintained @ 625 lbs., but the choke had to be changed to a 20/64 as the surface equipment was freezing up and not in full open flow condition. Test continued for the balance of the 16 hour period on 20/64 choke. The final flow pressure test resulted in a test of 1,300,000 cubic feet per day. Test period completed. Well shut-in. Flowing gas well from the Tuscher Formation at a depth of 3587' to 3615'.

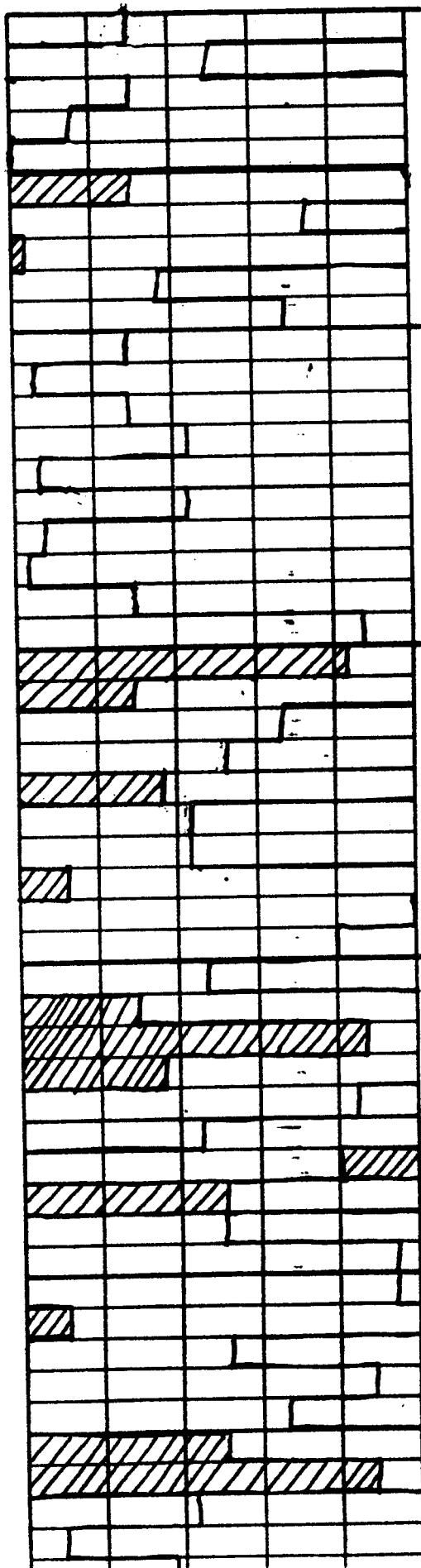
FLAT F K 29-1A - Sec. 29T14S. R.  
 Landmark Del Rio - Uintah Co., Utah  
Daily Drilling Record

Date	Drilling Contractor	Drill Depth	Hole Size	Formation	Lithology	Remarks
5/10/81	Landmark	Moving in to 29-1A location				
	Rig #101					
5/11/81	"	Rigging up				
5/12/81	"					
5/13/81	"	300'	12 $\frac{1}{4}$ "	Green River	SS/Shale	Spudded 2AM
5/14/81	"	507'	12 $\frac{1}{4}$ "	"	"	
5/15/81	"	585'	12 $\frac{1}{4}$ "	"	"	
		Ran 17 joints of 8-5/8 surface casing, 550' Cemented, National Cementers with 300 sacks Class "B" cement with return to surface				
		J-55 25#				
5/16/81	"	WOC & nipped up BOP's				
5/17/81	"	Testing B.O.P.'s - wait on bit sub				
5/18/81	"	1370'	7-7/8"	Green River	SS/Shale	Dev. 911'- $\frac{1}{4}$ °
5/19/81	"	2197'	"	"	"	Dev. 2030'- $\frac{1}{2}$ °
5/20/81	"	2735'	"	Wasatch 2330	Shale	Dev. 2644'-3/4°
5/21/82	"	3147'	"	Wasatch	Sh/Slst.	Dev. 2919'-3/4°
5/22/81	"	3398'	"	Tuscher	SS/Slst.	Dev. 3195'- $\frac{1}{2}$ °
5/23/81	"	3655'	"	Tuscher	SS/Slst.	Dev. 3471'-3/4°
5/24/81	"	3843'	"	Tuscher	Sh/SS	
5/25/81		4035'	"	Tuscher		Dev. 4029'-3/4°
5/26/81		4219'	"	Tuscher	SS/Slst.	
5/27/81		4432'	"		SS/Slst.	Dev. 4307'-3/4°
5/28/81	"	4575'	"	Mesa Verde 4462	SS/Slst.	Dev. 4575'-3/4°
5/29/81	"	4773'	"	Mesa Verde	SS/Shale	
5/30/81	"	4932'	"	Mesa Verde	SS/Slst.	Dev. 4871'-3/4°
5/31/81	"	5110'	"	Mesa Verde	SS/Shale	
6/01/81	"	5300'	"	Mesa Verde	SS/Slst.	Dev. 5149'- $\frac{1}{2}$ °
6/02/81	"	5500'	"	Mesa Verde	SS/Slst.	Dev. 5426'-1°
6/03/81	"	5696'	"	Mesa Verde	SS/Slst.	
6/04/81	"	5833'	"	Mesa Verde	SS/Shale	
6/05/81	"	5963'	"	Mesa Verde	SS/Sh./Slst.	
6/06/81	"	6073'	"	Mesa Verde	SS/Sh./Slst.	
6/07/81	"	6248'T.D.	"			Dev. 6248'-1 $\frac{1}{4}$ °
6/08/81	"	6248'T.D.	"	Mesa Verde	Logging-Dresser Atlas	
6/09/81		6248' - 150 joints 5 $\frac{1}{2}$ " casing, 8rd., K-55 at 6248' Cemented by National Cementers, 890 sacks, Class H Cement, 2% KCL				
6/10/81	"	6248' - Rigging Down				



70	SLTST LT BR GRY SL CAL SPEART	SH AL SS A/A FR CUT
70	SLTST NO CHANGE	FR CUT
60	SS LT BR TORV UFF SUBA SLTST	FR CUT
	SLTST GRY SH AL	FR CUT
	SLTST NO CHANGE	G CUT
80	SLTST NO CHANGE SS	FR CUT
80	SLTST BR GRY	SL CUT
60	SLTST BR GRY SS SH	FR CUT
60	SS NO CHANGE	FR CUT
70	SS LT BRV UFF SUBA	
80	SS NO CHANGE	SL CUT
80	SS NO CHANGE	G CUT
80	SS NO CHANGE	G CUT
80	SS NO CHANGE SETST	G CUT
80	SS NO CHANGE SLTST	G CUT
80	SS NO CHANGE SETST	G CUT
80	SS LT GRY F	FR CUT
80	SLTST GRY SS	SL CUT
60	SS FIRST LT GRY	SL CUT
60	SS AN CHANGE	SL CUT



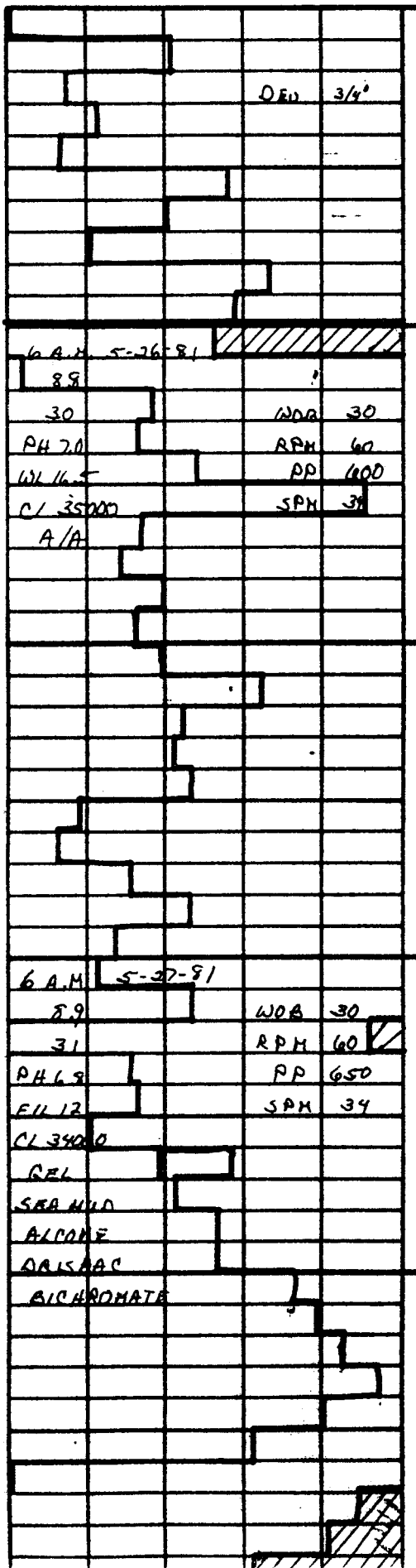


	60	SS NO CHANGE MOST RD SH GRV	
	90	SS NO CHANGE	
	80	SS CL FIRST UFF SUBA CAL FRI SH GRV BL FAIR CUT	
	80	SS NO CHANGE MOST GIL	
	80	SS NO CHANGE	
	80	SS NO CHANGE SH GRV BL	
	40	SLTST GRV SS A/A SH	
	90	SS LT GRV SPTD UFF SUBA CAL FRI B POR SH	
	90	SS NO CHANGE MOST A BR SL CUT	
5600	70	SS NO CHANGE SH YEL GRV MOST	
	70	SS NO CHANGE	
	70	SS NO CHANGE	
	70	SS NO CHANGE FAIR CUT	
	40	SS A/A ARTY SH GRV BL SLTST	
	40	SS NO CHANGE FAIR CUT	
	40	SS NO CHANGE FAIR CUT	
	80	SS LT BR LT GRV F SUBA G POR FAIR CUT	
	90	SS LT BR LT GRV UFF SUBA R POR MOST FR CUT	
	95	SS NO CHANGE ARTY G CUT	
5700	95	SS NO CHANGE FAIR CUT	
	40	SS DIRTY LT GRV SH GRV BL FR CUT	
	80	SS A/A MOST A BR GRV	
	90	SS FIRST LT BR LT GRV UFF SPTD SH BL	
		SS LT BR F SUBA CAL SIL FRI BR POR FR CUT	
		SS FIRST LT BR LT GRV SUBA CAL SIL R POR SH SL	
		SS GEN A/A PREA LT BR FR CUT	
		SS NO CHANGE FR CUT	
		SS NO CHANGE	FR CUT
	95	SS NO CHANGE SPTD OIL	SL CUT
5800	95	SS NO CHANGE	G CUT
	95	SS FIRST LT BR LT GRV UFF SUBA CAL SIL R POR	
	95	SS NO CHANGE ARTY	
	80	SS NO CHANGE	
	70	SS NO CHANGE	
	40	CLYST MOST SS BR F SUBA SPTD R CUT	
	40	CLYST NO CHANGE A/A	
	60	SS GEN A/A SH GRV BL SL CUT	
	95	SS LT BR SUBA CAL SIL	
	90	SS NO CHANGE SH	R CUT
5900	40	SS A/A SLTST GRV SH BL	
	60	SS FIRST LT BR F SUBA CAL R POR SLTST SH CHXV CAL	
	60	SS A/A UFF	FAIR CUT
	70	SS NO CHANGE	SL CUT
	95	SS LT GRV UFF R POR SUBA FRI CAL SH BL	
	95	SS NO CHANGE	G CUT
	95	SS NO CHANGE	SL CUT
	60	SS FIRST LT BR LT GRV F SUBA SLTST YEL A BR GRV SH	
	60	SS NO CHANGE	G CUT
	95	SS FIRST LT BR LT GRV UFF SUBA FRI G POR CAL FRI SL CUT	
		SS NO CHANGE	

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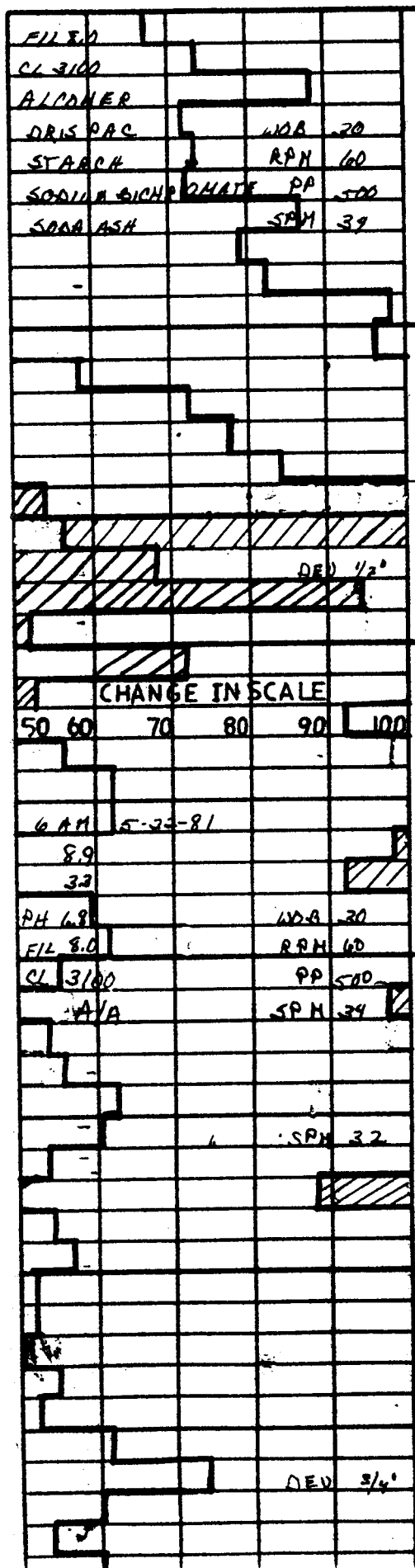
70	SS GEN A/A	GOOD CUT
80	SH GRV SET SLTST SS GOOD CUT	
40	SLTST VEL DRY SH GRV SS	GIL GOOD CUT
40	SLTST GEN A/A	GOOD CUT
60	SS FIRST F CAL SEP SLTST VEL GRV	GOOD CUT
80	SS FIRST F MED SUBA FRIS UNCONS SH BE	
70	SLTST VEL GRV SS FANC CAL SH GRV BL	
70	SLTST GEN A/A	SL CUT
90	SS CL WH LT GRV F MED CAL FRI CHALKY CAL SH GRV	
5100	40	SLTST VEL DRY SH GRV BL SS GOOD CUT
	40	SLTST GEN A/A
	40	SLTST NO CHANGE
	80	SS CL EAST LT GRV DE-MED SUBA AND UNCONS
	95	SS A/A F MED FRI CARB GRV SL CUT
	80	SS LT GRV DE CAL CARB SH FRI SL CUT
	90	SS LT GRV F SUBA CAL ADDED SL CUT
	95	SS NO CHANGE SL CUT
		SS NO CHANGE SL CUT
		SS NO CHANGE GOOD CUT
5200		SS NO CHANGE
	70	SS S+P F SUBA CAL CARB SH GRV
	70	SS EAST F MED UNCONS SH AL SLTST A CUT
	60	SS S+P EAST F MED AL SLTST SLTST VEL GRV
	70	SLTST CAR VEL GRV SS
	80	SS S+P F SUBA CARB CAL CUT SH CARB CHALKY CAL
	80	SS NO CHANGE FRI CUT
	70	SS A/A UNCONS MED FIRST SLTST GRV FAIR CUT
	40	SLTST SH SS EAST LT GRV DE-MED SUBA GIL
	40	SLTST NO CHANGE A/A SS SPYD SL CUT GIL
5300	40	SLTST A/A MOST SL CUT
	40	SS EAST LT GRV DE F SUBA CAL V - GOOD FOR SH CUT
		SS LT GRV S+P F SUBA CAL CARB MARC SH MOST
		SS NO CHANGE
	90	SS NO CHANGE SLTST VEL GRV S GRV
	90	SS GEN A/A FAIR CUT
	95	SS NO CHANGE FAIR CUT
		SS NO CHANGE FAIR CUT
		SS NO CHANGE FAIR CUT
		SS NO CHANGE
5400		SS NO CHANGE
	50	SS CL EAST LT GRV S+P GRV -
	80	SS DE F SUBA - SUBA CAL FRI UNCONS
	70	SS NO CHANGE SLTST SH
	40	SLTST VEL GRV SH GRV BL SS
	40	SLTST A/A
		SLTST GRV SET SETY SS SH MOST
		SLTST A/A SLTST VEL
	80	SS GEN A/A CUT
	100	SS NO CHANGE CLYST
		SS NO CHANGE

	SLTST GRV SH GRV MOST DRAP	SL CUT TO 4700
80	SLTST YEL GRV SS LT GRV FM UNCONS MAST	
80	SLTST A/A	K AN HASA URAN
80	SLTST NO CHANGE BR SS A/A GR	
70	SLTST NO CHANGE SS NO CHG	
70	SLTST NO CHANGE	
70	SLTST NO CHANGE SH BL SH GOOD CUT	
	SS CL FIRST F MED SUBA FAL UNCONS CAL	
60	SS A/A SLTST CHALKY CAL SH BL SH	
4600	60 SS NO CHANGE	
	40 SS NO CHANGE SLTST SH MOST 20% SH GRV BL	
	40 SS NO CHANGE	
	80 SLTST GRV BR BR SS SH	
	80 SLTST NO CHANGE CAL	
	70 SS CL FIRST F MED AND-AND UNCONS SLTST	
	70 SS NO CHANGE SLTST BR BR GRV	
	SLTST YEL GRV SH SS	
	70 SS CL FIRST U-F-MED FAL UNCONS CAL SH CHALKY CAL	
	70 SS NO CHANGE	
4700	70 SLTST A/A	
	60 SS USED GEN A/A	
	SLTST NO CHANGE	
	SLTST NO CHANGE	
	SS CL LT GRV U-F-MED SUBA UNCONS CAL	
	NO SAMPLE	
	SS NO CHANGE	
	SS NO CHANGE	
	SS NO CHANGE	
	SS NO CHANGE	
4800	SS NO CHANGE	
	80 SS CL FIRST GRV U-F-MED SUBA CAL FAL STP SLTST	
	9.5 SS NO CHANGE MED MOSTLY UNCONS	
	SS NO CHANGE	
	SS NO CHANGE	
	SS NO CHANGE	
	SS NO CHANGE	
	SS NO CHANGE	
	SS NO CHANGE	
	SS A/A GRAIN SIZE MOSTLY U-F	
4900	SS NO CHANGE	
	SS NO CHANGE	
	60 SLTST GRV MOST P SS	
	80 SLTST GRV SS	
	80 SS A/A GIL	
	40 SH GRV SLTST SS A/A	
	40 SLTST A/A SS A/A SH	
	SLTST YEL GRV MOST	
	SS FIRST F SUBA R DR STP SH CAL SH SH SLTST	
	SS NO CHANGE	
	SS NO CHANGE SLTST SH MOST CHALKY CAL	



	SLTST GRV CAL SL CUT SHSS
	SLTST NO CHANGE
	SLTST NO CHANGE SL CUT
	SLTST NO CHANGE SHSS
40	SS LT GRV F MED CAL UNCONS SUBA SLTST SL CUT
	SLTST NO CHANGE
	SLTST NO CHANGE
	SLTST NO CHANGE
	SLTST NO CHANGE SS SL CUT
	SLTST GRV MOST GRV PURP SS A/A FILL CUT
80	SS LT GRV OFF SUBA CAL SLTST CAL SL CUT
	SS CL FIRST LT GRV OFF MED CAL SUBA SUBA UNCONS
40	SLTST BR SET MOST MED BR SET SL CUT
	SS CL FIRST LT GRV OFF MED SUBA SUBA HASLST
	SS NO CHANGE FILL UNCONS
90	SLTST GRV MOST CLYST SS SL CUT
	MOST PURP BR GRV ART SLTST GRV
40	SLTST LT GRV SS LT GRV OFF SUBA CAL
70	SLTST A/A SS A/A
40	SLTST A/A SS A/A
80	SLTST GRV MED BR SS LT GRV F SUBA MOST ART
100	SLTST
60	SS LT GRV OFF SUBA SUBA GALLER
60	SS NO CHANGE
60	SS NO CHANGE
	SLTST YEL BR GRV SH CAL
60	SLTST A/A SS A/A
80	SLTST YEL GRV MOST GRV PURP FLAGSTREE
80	SLTST NO CHANGE
80	SLTST NO CHANGE
	SLTST A/A SM MOST SH
	SLTST NO CHANGE
	SLTST NO CHANGE SS LT GRV
	SLTST NO CHANGE
	SLTST NO CHANGE
	SLTST NO CHANGE
	SLTST NO CHANGE
	SLTST NO CHANGE
	SLTST NO CHANGE
40	SLTST NO CHANGE MOST
	SLTST GRV PURP SS LT GRV OFF
	SLTST A/A MOST SS YEL
	SLTST A/A
	SLTST A/A
	SLTST A/A
	SLTST A/A
	SS LT GRV F MED SUBA FILL UNCONS

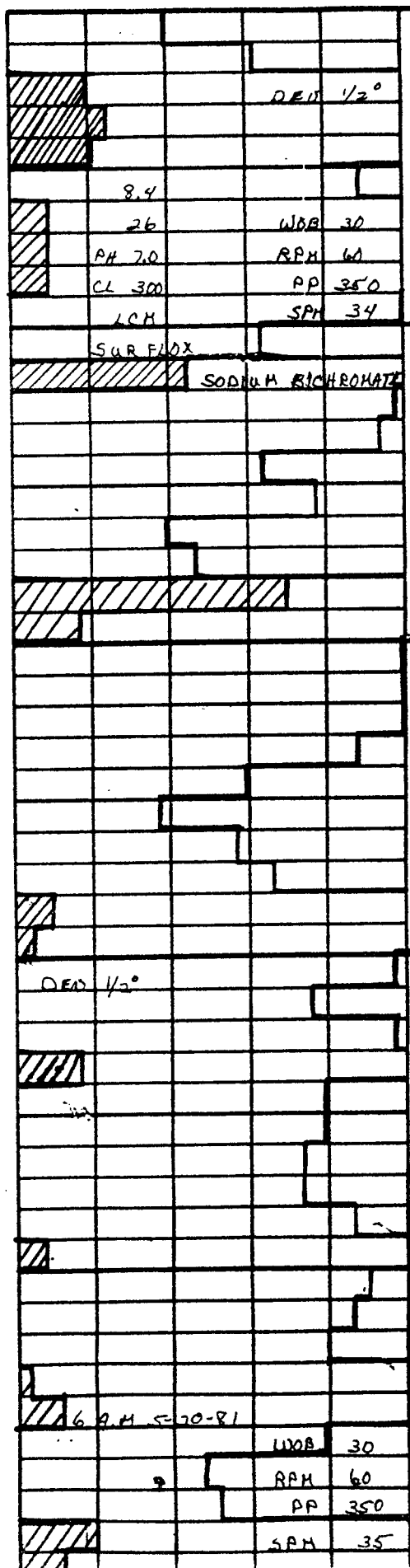
60	SS LT GRV GRV OFF SUBA SLTST	SL CUT TO
80	SLTST. MED BAR GRV CAL SS	3590
60	SLTST. NO CHANGE	
60	SLTST. MED BR 70% SS BR A/A	
60	SLTST. NO CHANGE	
80	SLTST. LT BR BR GRV BR SS	
80	SLTST. NO CHANGE SS LT BR GRV OFF SUBA FRI. 3600	
80	SS LT GRV F SUBA SUBA CAL FRI SLTST GOOD CUT	
95	SS A/A SH P HB	
80	SS NO CHANGE SLTST	
	SLTST LT BR PURPLE GRV. MOST SS	
	SLTST NO CHANGE SM MED CT 2 RND CHLOR	
80	SLTST NO CHANGE SS GIL	
60	SLTST NO CHANGE MOST CLYST SS	
60	SLTST R BR GRV SS GRV OFF MOST	
60	SLTST A/A	
60	SLTST A/A	
60	SS LT GRV OFF SLTST MED BR	
40	SS NO CHANGE SLTST MOST BR	
60	SLTST R BR BR GRV SS OFF CAL	
	SLTST GRV BR GRV BR SS GRV OFF	
60	SLTST NO CHANGE LS	
	SLTST A/A MOST SS	
70	SLTST GRV MED BR PAPL GRV	
60	SLTST MED BR BRV MOST GRV BR SS GOOD CUT	
	SLTST NO CHANGE	
80	SLTST NO CHANGE SS LT GRV F SUBA HA	
	SLTST A/A MOST SM SS	
	SLTST GRV PURPLE BR	
	SLTST NO CHANGE SM SS	
	SLTST MOST CHALK CAL	
80	SLTST MED BR GRV MOST MED BR (LYST GRV) BR	
	SLTST NO CHANGE	
	SLTST NO CHANGE	
80	SLTST GRV SM SH SM SS SM MOST	
80	SLTST A/A	
70	SLTST R BR GRV SS MOST	
70	SLTST NO CHANGE	
70	SLTST NO CHANGE	
70	SLTST NO CHANGE	
40	SS LT GRV F SUBA CAL SLTST MOST SH	
40	SS A/A	
50	SLTST A/A SS MOST SH	
60	SLTST MED BR GRV CAL SS MOST SH	
60	SLTST A/A	
60	SLTST A/A	
	SS CL EAST LT GRV F MED SUBA CAL SIL FRI UNCONS HB	
	SS NO CHANGE	
	SLTST SM SS	
	SLTST NO CHANGE	



SS	CLEARST FT GRAY DEF C SPAN GIL
SS	NO CHANGE
SS	NO CHANGE
SS	NO CHANGE
SS	NO CHANGE
SS	NO CHANGE
SS	NO CHANGE
SS	LT GRAY F MED SUBA CALS FOR SLT SH
SS	NO CHANGE
SS	NO CHANGE
SS	NO CHANGE
SS	LT GRAY LT BR F MED SUBA SLT ST BR
SS	NO CHANGE
SS	NO CHANGE MOST RABR
SS	NO CHANGE SH
NO	SAMPLE
MOST	RABR SSA/A SLT ST GRAY PURP
MOST	NO CHANGE
MOST	NO CHANGE
50	SLT ST LT GRAY SS LT GRAY DEF SUBA MARL
50	SLT ST A/A SS NO CHANGE LONGA NASATK
50	SS NO CHANGE MOST SH SLT
50	SLT ST A/A SS A/A SH BR
50	SS LT GRAY DEF SUBA MOST
60	SS LT GRAY F SUBA CAL MOST RABR
90	MOST RABR SLT ST SS CLY
70	MOST SS SLT
60	SLT ST RABR GRAY SET MD SS LT GRAY F
60	SLT ST NO CHANGE
60	SLT ST NO CHANGE
60	SLT ST NO CHANGE
SLT ST	SMS DEF
60	SLT ST RABR SLT GRAY
60	SLT ST GRAY SS LT GRAY F MOST RABR
SLT ST	A/A SS A/A QTZITE
SLT ST	NO CHANGE CHALK CAL
SLT ST	NO CHANGE
80	SS GRAY DEF MOST MED RABR
SLT ST	RABR PURAARY SS GRAY DEF ERI CONG
70	SLT ST PURAARY SH SS
60	SS LT GRAY F SLT ST
SLT ST	RABR CAL
SLT ST	NO CHANGE
80	SLT ST NO CHANGE MOST RABR
SLT ST	AK RABR SS RYA
SLT ST	NO CHANGE
SLT ST	NO CHANGE
SLT ST	NO CHANGE
SLT ST	NO CHANGE
MOST	RABR CAL SET
SLT ST	A/A SS

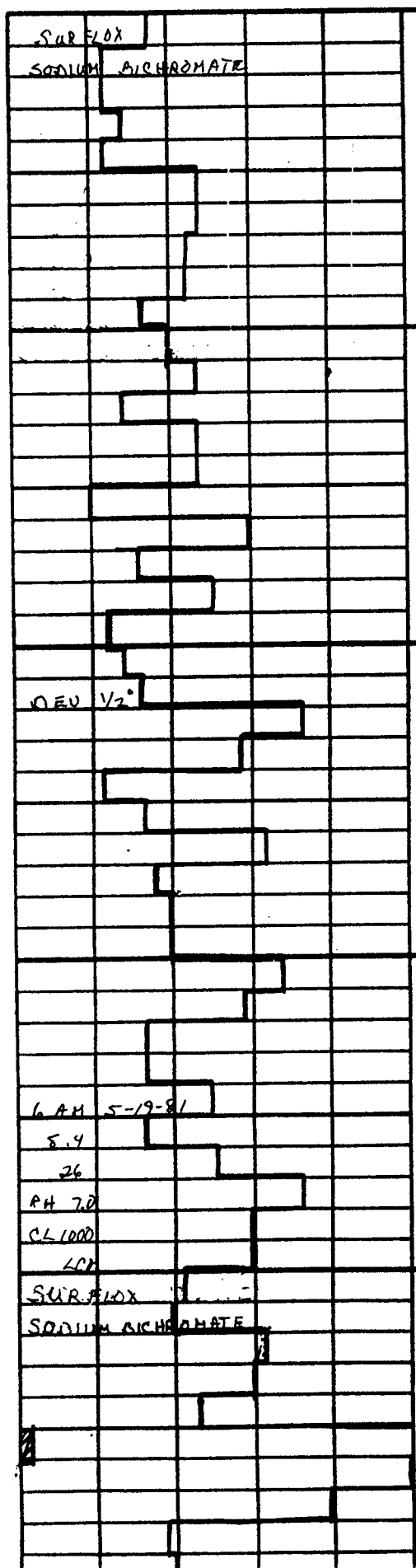


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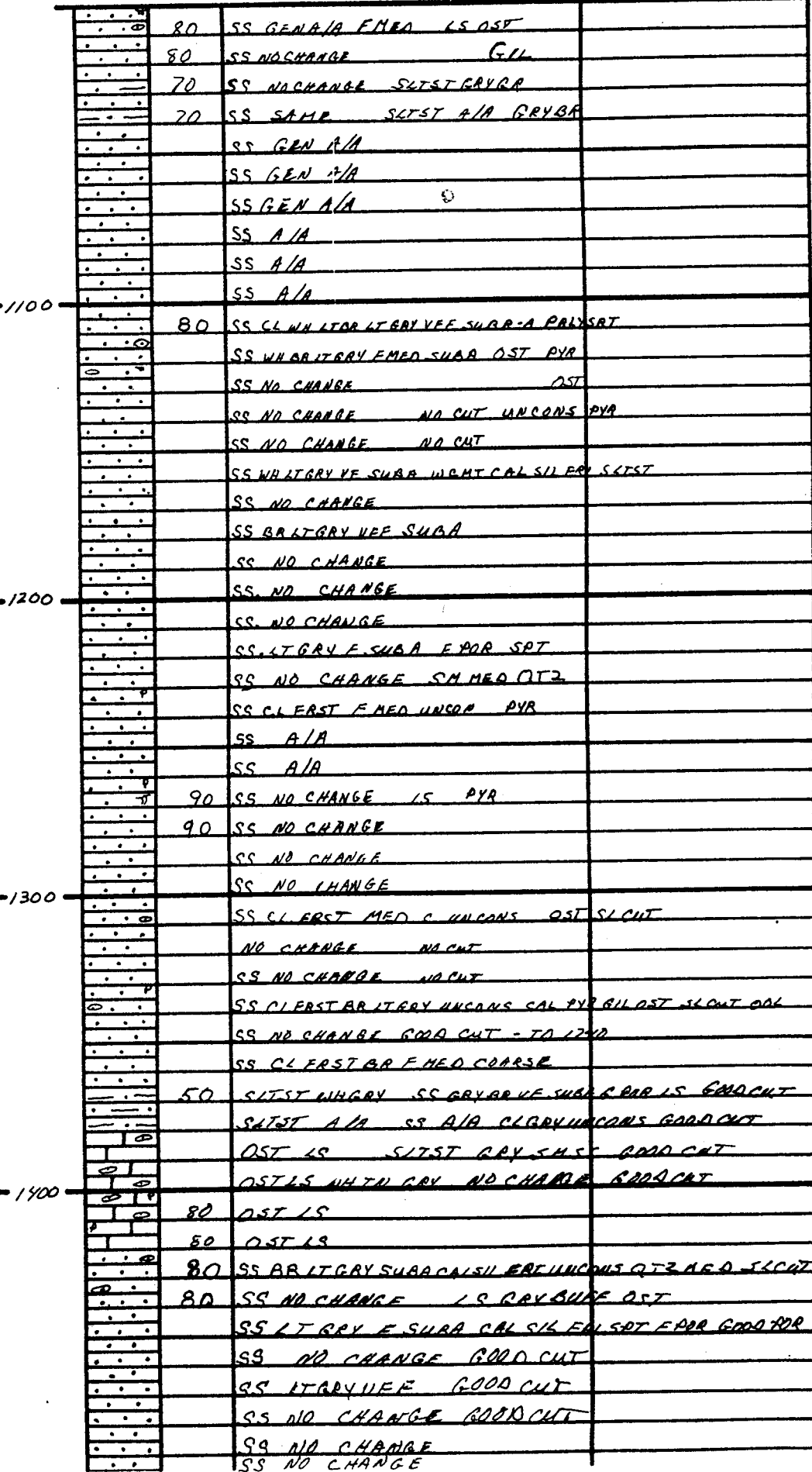
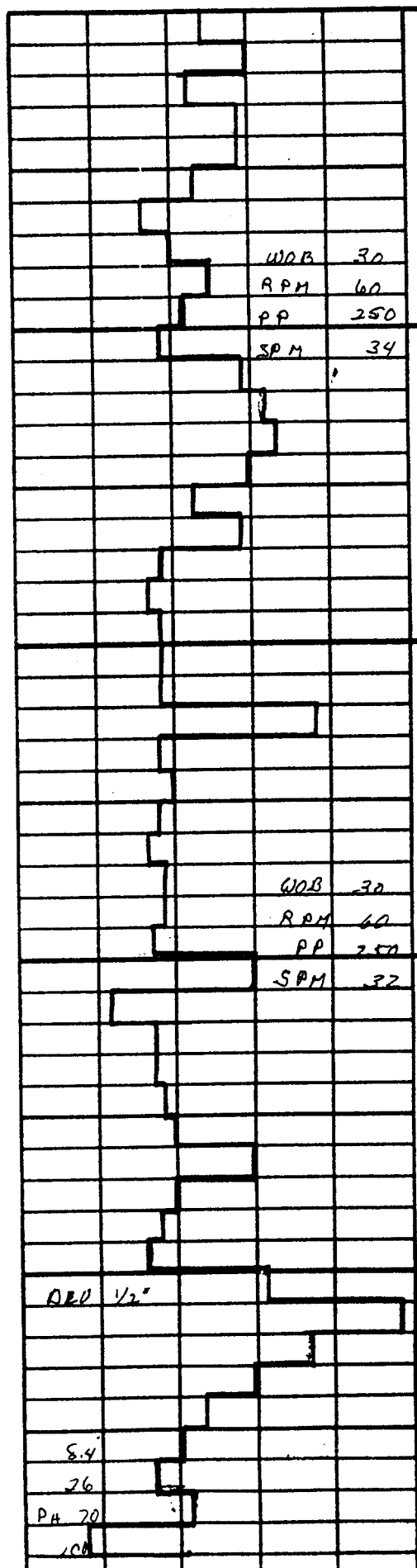


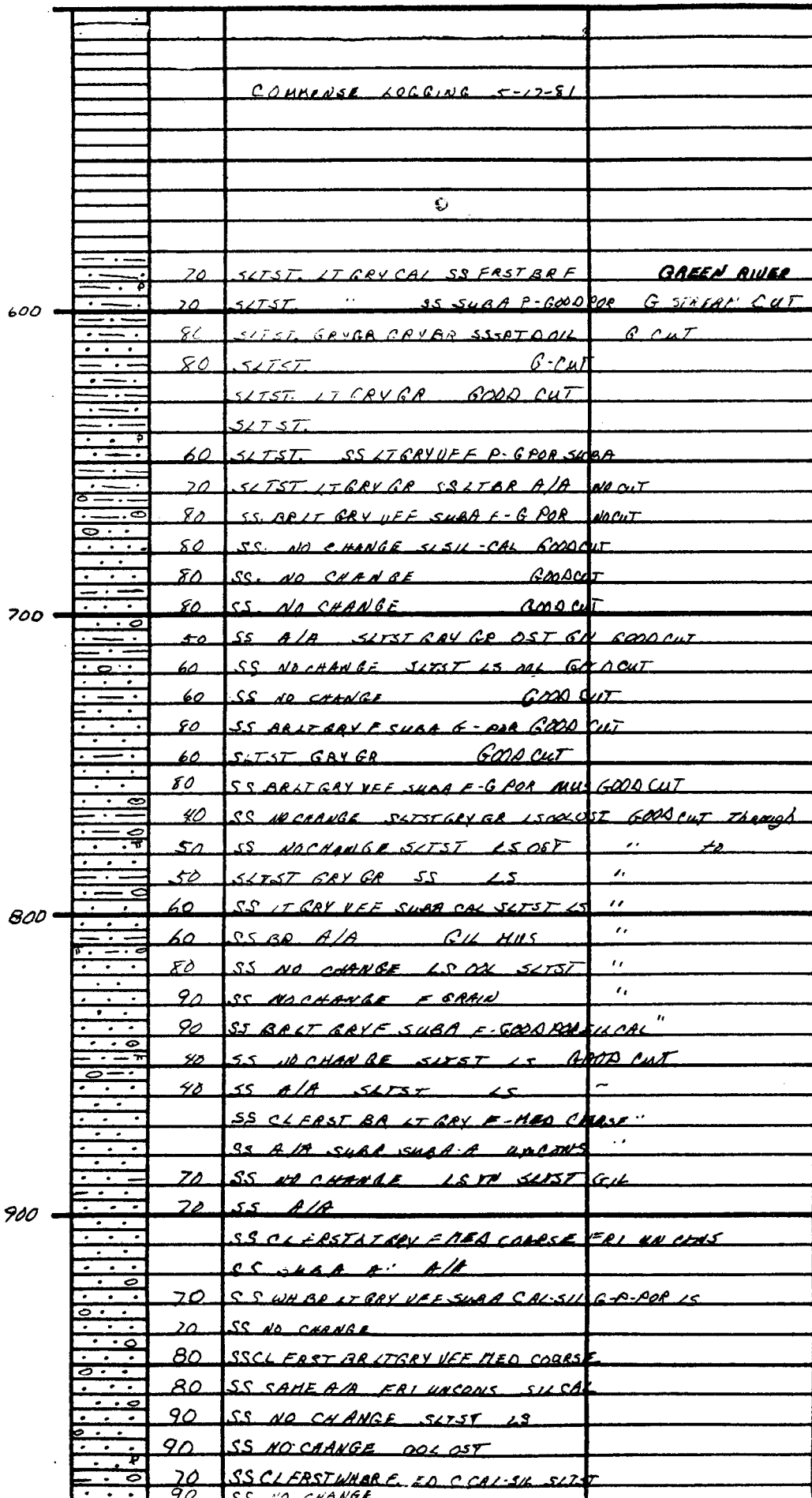
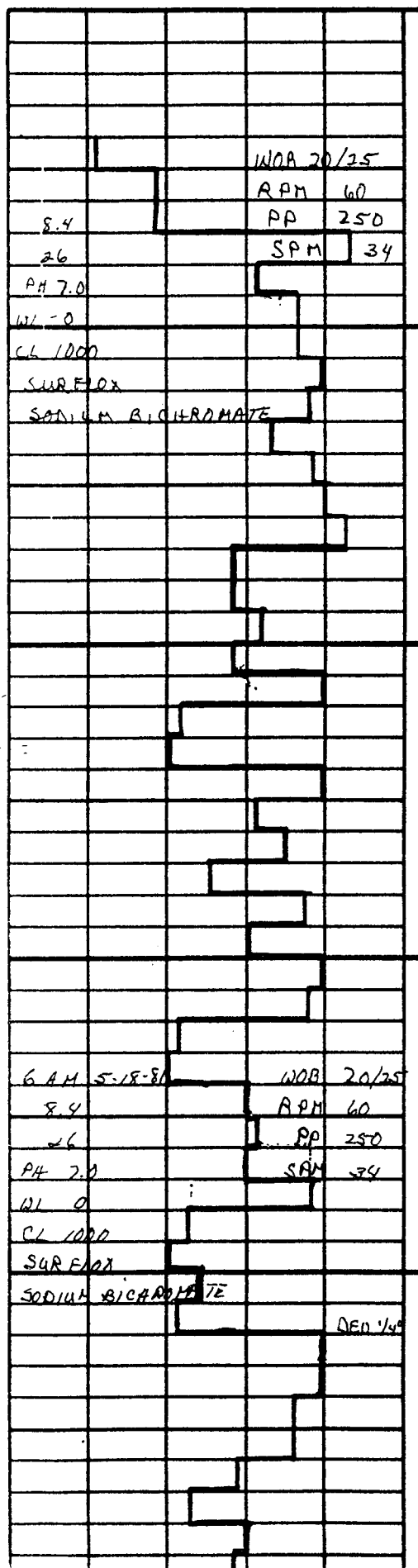
80	SS. CLAST RAB VEF MED SUBA ANG SUT 15 QAT
80	SS. NO CHANGE GOOD CUT
40	SS. A/A SUTST GRAY RAB SM SA BL GOOD CUT
40	SS. A/A NO CHANGE GOOD CUT
40	SS. NO CHANGE SCUT
	SUTST. GRAY RAB RAB GR SS LIM NO CUT
	SUTST. NO CHANGE
	SUTST. NO CHANGE
	SS. LT GRV HARS
	SS. A/A
	SS. RAB LT GRV VEF CAL SUBA
	SS. CLAST RAB VEF MED SUBA ANG PRV SAT GIL GOOD
	SS. NO CHANGE CAL CMT G-CUT
	SS. A/A GIL GOOD CUT
	SS. NO CHANGE GIL GOOD CUT
	SS. GEN A/A LT GRV VEF SUBA UNCONS. SUTST
	SS. NO CHANGE
	SUTST. RAB GRV CAL
	SUTST. NO CHN
70	SS. WH LT GRV PRV SAT SUBA CAL PRV SUTST PRV
70	SS. NO CHANGE
80	SUTST. RAB SS LT GRV VEF SUBA
80	SUTST. NO CHANGE
60	SS. WH LT GRV VEF SUBA CAL SUTST RAB GRV
60	SUTST. RAB PRV LT GRV SS LT GRV
60	SUTST. A/A SS PRV SAT
60	SUTST. NO CHANGE
	SS. WH LT GRV VEF CAL W CMT
	SS. NO CHANGE
	SS. A/A SUBA SUBA
	SS. NO CHANGE
	SS. LT GRV GRV VEF SUBA SUBA
	SS. A/A WASATCH
	SS. WH RAB GRV VEF CAL W CMT
	SS. NO CHANGE
	SS. NO CHANGE
	SS. NO CHANGE SM SUTST RAB GOOD CUT
	SS. LT GRV VEF SM SUTST A/A
	SS. NO CHANGE
	SS.
	SS. RAB GRV VEF
	SUTST. RAB
	SUTST. SS RAB SM C ANG CUT 2
60	SUTST. SS CLAST H UNCONS LT GRV VEF
60	SUTST. NO CHANGE
70	SS. LT GRV VEF RAB VEF SUBA CAL SUTST PRV
70	SS. NO CHANGE
70	SS. NO CHANGE
70	SS. NO CHANGE
70	SS. NO CHANGE
70	SS. NO CHANGE





SS CL FAST LT GRV VEE MED SUBA ANG UNCONS
SS NO CHANGE SHOSTLS GOOD CUT
SS NO CHANGE
SS NO CHANGE
SS BR LT GRV VEE SUBR CAL OST GOOD CUT
SS NO CHANGE
50 SLTST BR GRV SS LT GRV SUBA GOOD CUT
50 SLTST NO CHANGE
50 SS CL FAST MED SUBR SUBA UNCONS
50 SS NO CHANGE
SS CL FAST MED SUBR SUBA UNCONS
SS NO CHANGE
SS A/A LT GRV VEE MED PRLY CRT
SS NO CHANGE
80 SS TN BR LT GRV VEE CAL SIL SUBR SUBA SLTST GIL
80 SS NO CHANGE
SS LT GRV VEE SUBA GOOD CAL SIL SAT PYR
SS NO CHANGE P-GOOD FOR
60 SS NO CHANGE SLTST GRV PYR SL CUT
60 SS NO CHANGE SLTST GRV PYR SL CUT
SS CL FAST LT GRV F SUBA GOOD CAL SIL SAT PYR
SS NO CHANGE
SLTST BR SH CAL SS A/A
SLTST NO CHANGE
SS TN LT GRV VEE CAL SL PAR
SS NO CHANGE
90 SS CL FAST LT GRV VEE SUBR SUBA ANG SL-G FOR LS
90 SS NO CHANGE
LS TN ANG SLTST GRV OST CAL
LS NO CHANGE
80 LS WH TN GRV OST SLTST SS GOOD CUT
80 LS NO CHANGE
70 SLTST GRV CAL LS A/A
70 SLTST NO CHANGE
OST LS TN GRV
OST LS TN GRV
60 SLTST GRV SS LS GIL
60 SLTST GRV SS LS GIL
SS LT GRV VEE SUBA SAT SL FOR CAL
SS NO CHANGE
SS CL FAST MED SUBA ANG UNCONS OST OIL MARC
SS NO CHANGE
60 SS A/A VEE MUS SLTST LS FAIR CUT
60 SS NO CHANGE LT GRV SLTST BR GRV FAIR CUT
60 SS NO CHANGE SL CUT
70 SS WH BR LT GRV VEE F-G FOR SUBA GIL SL CUT
70 SS NO CHANGE
70 SS NO CHANGE
SS CL FAST LT GRV LT GRV SUBA ANG CAL SIL GOOD CUT
SS NO CHANGE









STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 22, 1982

Landmark Drilling Programs, Inc.  
448 East 4rth South, Suite #203  
Salt Lake City, Utah 84111

Re: Well No. Oil Canyon #29-1A  
Sec. 29, T. 14S, R. 20E  
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 15, 1982

Landmark-Del Rio D.P. Inc.  
4764 South 900 East  
Salt Lake City, Utah 84117

Re: Well No. Oil Canyon #29-1A  
Sec. 29, T. 14S, R. 20E.  
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office February 10, 1982, from above referred to well, indicates the following electric logs were run: Dresser-Atlas- DL-GR, CD & GR. Prolog. As of todays date, this office has not received these logs.

Rule C-5, General Rules and Rgulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of theelectric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> U-10166
<b>2. NAME OF OPERATOR</b> Del-Rio Resources, Inc.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>  N/A
<b>3. ADDRESS OF OPERATOR</b> 448 East 400 South Suite 203 Salt Lake City, Utah 84111		<b>7. UNIT AGREEMENT NAME</b> Oil Canyon
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FWL 660' FSL Sec. 29-T14S-R20E		<b>8. FARM OR LEASE NAME</b> Federal
<b>14. PERMIT NO.</b> 43-047-30981		<b>9. WELL NO.</b> Oil Canyon 29-1A
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) 7496 KB'		<b>10. FIELD AND POOL, OR WILDCAT</b> Wildcat
<b>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</b>		<b>11. SEC., T., R., M., OR BLK. AND SUBST. OR AREA</b> 29-14S-20E
<b>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS</b> (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).*		<b>12. COUNTY OR PARISH</b> <b>13. STATE</b> Uintah Utah

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other) operator change

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

X

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).\*

Del-Rio Resources, Inc., and Landmark Drilling Corporation were co-operators until April 8, 1982 when Del-Rio Resources assumed operations.

RECEIVED

JUN 19 1984

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*[Signature]*

TITLE

Geologist

DATE 6/13/84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

## PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File See Below☐ Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_☒ Other  
VLC  
Del Rio Prod. File(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_  
(API No.) \_\_\_\_\_1. Date of Phone Call: 9-26-89 Time: 10:00 Am2. DOGM Employee (name) Don Staley (Initiated Call ☒  
Talked to:Name Linda Conde (Initiated Call ☐ - Phone No. ( ) 722-9267of (Company/Organization) Bar mesa Resources (<sup>Linda</sup> formerly ~~with~~ Del Rio)3. Topic of Conversation: Missing Prod. Reports 1987-894. Highlights of Conversation: Linda has not <sup>worked for or</sup> prepared prod. reports  
for Del Rio for several years (We still print her name  
on Del Rio's reports as the contact person). She  
said the wells were operated by Larry Caldwell  
and Steve Martens (sic) - owners of Del Rio. She thinks  
Steve Martens is still in Salt Lake City. She said Del  
Rio filed for bankruptcy several years ago, but the  
court threw it out.I will have TAS check with BLM to find out who they  
show as operator, if they have an address, and if anyone  
has sent in reports recently. NTSWell Files: Cat Creek 18-1A (43-047-30714) 18-55-23 E  
FLAT ROCK 30-2 (43-047-15764) 30-145-20 E  
FLAT ROCK 30-2A (43-047-30641) 30-145-20 E  
OIL CANYON 29-1A (43-047-30981) 29-145-20 E



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: <div style="border: 1px solid black; padding: 2px;">U-10166</div>
2. Name of Operator: <div style="border: 1px solid black; padding: 2px;">Del Rio Resources, Inc</div>	6. If Indian, Aluttoo or Tribe Name:
3. Address and Telephone Number: <div style="border: 1px solid black; padding: 2px;">Box 510028 SLC Ut. 84151</div>	7. Unit Agreement Name:
4. Location of Well Footages: T 14 S 0 R. 20 E Sec. 29 SLM QQ, Sec., T., R., M.:	8. Well Name and Number: <div style="border: 1px solid black; padding: 2px;">29-1A 08118</div>
	9. API Well Number: <div style="border: 1px solid black; padding: 2px;">4304730981</div>
	10. Field and Pool, or Wildcat: <div style="border: 1px solid black; padding: 2px;">Flat Rock Field</div>
	County: Uintah State: Utah

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandonment  <input type="checkbox"/> Casing Repair  <input type="checkbox"/> Change of Plans  <input type="checkbox"/> Conversion to Injection  <input type="checkbox"/> Fracture Treat  <input type="checkbox"/> Multiple Completion  <input type="checkbox"/> Other _____             </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction  <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Recompletion  <input type="checkbox"/> Shoot or Acidize  <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Water Shut-Off             </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandonment *  <input type="checkbox"/> Casing Repair  <input type="checkbox"/> Change of Plans  <input type="checkbox"/> Conversion to Injection  <input type="checkbox"/> Fracture Treat  <input type="checkbox"/> Other _____             </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction  <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Shoot or Acidize  <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Water Shut-Off             </div> </div>
Approximate date work will start _____	Date of work completion _____  <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Annual Status Report: Well was shut-in due to Surface dispute with Department of Interior and Ute Tribe. Awaiting outcome of Litigation.

RECEIVED

FEB 17 1993

DIVISION OF  
OIL GAS & MINING

13. Name & Signature: Steve Martens Title: Admin Date: 2/14/93

(This space for State use only)



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078-2799  
<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400  
Fax: (435) 781-4410

IN REPLY REFER TO:  
3162.3  
UT08300

October 16, 2003

Miller, Dyer & Co. LLC  
475 17<sup>th</sup> Street, Suite 420  
Denver, CO 80202

Re: Change of Operator Sundry Notice  
See Attachment for Well List  
Sections 28 & 29, T14S, R20E  
Uintah County, Utah  
Lease No. UTU-10166

RECEIVED  
OCT 21 2003

Dear Mr. Dyer:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced wells. After a review by this office, the change in operator request is approved. Effective immediately, Miller, Dyer & Co. LLC. is responsible for all operations performed on the referenced wells. All liability will now fall under your bond, BLM Bond No. UTB000058, for all operations conducted on the referenced wells on the leased land.

If you have any other questions concerning this matter, please contact me at this office at (435) 781-4480.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager  
Mineral Resources

Attachment

cc: UDOGM  
Steven Martens Trust (Del Rio Resources)  
Pacific Union Corp.  
Shaw Resources LTD LLC

(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☒ Oil Well    ☐ Gas well    ☐ Other

## 2. Name of Operator

Miller, Dyer &amp; Co. LLC

## 3. Address and Telephone No.

475 17th Street, Suite 420, Denver, CO 80202

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached schedule

## 5. Lease Designation and Serial No.

UTU-10166

## 6. If Indian, Allottee or Tribe Name

N/A

## 7. If unit or CA, Agreement Designation

N/A

## 8. Well Name and No.

See attached schedule

## 9. API Well No.

See attached schedule

## 10. Field and Pool, or Exploratory Area

Flat Rock

## 11. County or Parish, State

Utah, UT

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☒ Other Change of Operator
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Shaw Resources Limited, L. L. C. hereby designates Miller, Dyer & Co. LLC as operator of the above captioned wells effective 9/8/2003. Miller, Dyer & Co. LLC is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.  
Bond coverage for this well will be provided by a rider filed to BLM Bond NO. **UTB 000058**

**RECEIVED**  
**OCT 21 2003**

SHAW RESOURCES LIMITED, L.L.C.,

By: Energy Management Services, L.L.C., its Manager

By: Energy Management Services, Inc., its Manager,

By:

David Husman, President

## 14. I hereby certify that the foregoing is true and correct

Signed

Title

Operations Manager

Date 9/05/2003

(This space for Federal or State office use.)

Approved by

Assistant Field Manager  
Mineral Resources

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
Del Rio Resources, Inc.

3. ADDRESS OF OPERATOR:  
P O Box 459 CITY Vernal STATE UT ZIP 84078

PHONE NUMBER:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY: Uintah

QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached schedule

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

See attached schedule

9. API NUMBER:

See attach

10. FIELD AND POOL, OR WILDCAT:

See attached schedule

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Shaw Resources Limited, L.L.C., as record title owner, hereby designates Miller, Dyer & Co. LLC as operator of the above captioned wells effective 9/8/2003. Miller, Dyer & Co. LLC is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.

Bond coverage for this well will be provided by a rider filed to BLM Bond No. UTB000058 and SITLA Bond # Cash  
Deposit, see attached letter dated 10/1/03

SHAW RESOURCES LIMITED, L.L.C.

By: Energy Management Services, L.L.C., its Manager

By: Energy Management Services, Inc. Its Manager,

BY: David Husman  
David Husman, President

NAME (PLEASE PRINT) Kyle R. Miller

TITLE Member, Miller, Dyer & Co. LLC.

SIGNATURE Kyle R. Miller

DATE 10/20/03

(This space for State use only)

RECEIVED

OCT 22 2003

DIV. OF OIL, GAS & MINING

<u>Field</u>	<u>API</u>	<u>Well Name</u>	<u>Well Location</u>
Flat Rock	4304733595	Del-Rio/Orion 28-1A	<u>Township 14 South, Range 20 East, Uintah County,</u> <u>SLM, Utah</u> Section 28: NW $\frac{1}{4}$ SW $\frac{1}{4}$
Flat Rock	4304730981	Oil Canyon 29-1A	<u>Township 14 South, Range 20 East, Uintah County,</u> <u>SLM, Utah</u> Section 29: SW $\frac{1}{4}$ SW $\frac{1}{4}$
Flat Rock	4304732945	Del-Rio/Orion 29-2A	<u>Township 14 South, Range 20 East, Uintah County,</u> <u>SLM, Utah</u> Section 29: SE $\frac{1}{4}$ SW $\frac{1}{4}$
Flat Rock	4304732946	Del-Rio/Orion 29-3A	<u>Township 14 South, Range 20 East, Uintah County,</u> <u>SLM, Utah</u> Section 29: NW $\frac{1}{4}$ SW $\frac{1}{4}$
Flat Rock	4304733616	Del-Rio/Orion 29-4A	<u>Township 14 South, Range 20 East, Uintah County,</u> <u>SLM, Utah</u> Section 29: SW $\frac{1}{4}$ SE $\frac{1}{4}$
Flat Rock	4304733617	Del-Rio/Orion 29-5A	<u>Township 14 South, Range 20 East, Uintah County,</u> <u>SLM, Utah</u> Section 29: SE $\frac{1}{4}$ SE $\frac{1}{4}$
Flat Rock	4304734102	Del-Rio/Orion 29-6A	<u>Township 14 South, Range 20 East, Uintah County,</u> <u>SLM, Utah</u> Section 29: NE $\frac{1}{4}$ SW $\frac{1}{4}$
Flat Rock	4304734103	Del-Rio/Orion 29-7A	<u>Township 14 South, Range 20 East, Uintah County,</u> <u>SLM, Utah</u> Section 29: SW $\frac{1}{4}$ NW $\frac{1}{4}$
Flat Rock	4304734482	Del-Rio/Orion 29-8ADJP	<u>Township 14 South, Range 20 East, Uintah County,</u> <u>SLM, Utah</u> Section 29: NW $\frac{1}{4}$ SE $\frac{1}{4}$
Flat Rock	4304734483	Del-Rio/Orion 29-9ADJP	<u>Township 14 South, Range 20 East, Uintah County,</u> <u>SLM, Utah</u> Section 29: SE $\frac{1}{4}$ NW $\frac{1}{4}$
Flat Rock	4304734484	Del-Rio/Orion 29-10ADJP	<u>Township 14 South, Range 20 East, Uintah County,</u> <u>SLM, Utah</u> Section 29: NE $\frac{1}{4}$ NW $\frac{1}{4}$

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/8/2003

**FROM: (Old Operator):**

N0330-Del-Rio Resources, Inc. (thru Shaw Resources LTD, LLC)

PO Box 459

Vernal, UT 84078

Phone: 1-(435) 789-5240

**TO: ( New Operator):**

N2580-Miller, Dyer &amp; Co., LLC

475 17th St, Suite 420

Denver, CO 80202

Phone: 1-(303) 292-0949

CA No.

Unit:

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
DEL-RIO/ORION 28-1A	28	140S	200E	4304733595	13059	Federal	GW	TA
OIL CANYON 29-1A	29	140S	200E	4304730981	8118	Federal	GW	P
DEL-RIO/ORION 29-2A	29	140S	200E	4304732945	8118	Federal	OW	TA
DEL-RIO/ORION 29-3A	29	140S	200E	4304732946	12470	Federal	GW	TA
DEL-RIO/ORION 29-4A	29	140S	200E	4304733616	13060	Federal	GW	TA
DEL-RIO/ORION 29-5A	29	140S	200E	4304733617	13061	Federal	GW	P
DEL-RIO/ORION 29-6A	29	140S	200E	4304734102	13443	Federal	GW	P
DEL-RIO/ORION 29-7A	29	140S	200E	4304734103	13444	Federal	GW	P
DEL-RIO/ORION 29-8ADJP	29	140S	200E	4304734482		Federal	GW	LA
DEL-RIO/ORION 29-9ADJP	29	140S	200E	4304734483		Federal	GW	LA
DEL-RIO/ORION 29-10ADJP	29	140S	200E	4304734484		Federal	GW	LA
DEL-RIO/ORION 30-3A	30	140S	200E	4304710913	12395	Federal	OW	P
DEL-RIO 30-1	30	140S	200E	4304715764	8111	Federal	GW	TA
DEL-RIO/ORION 30-5A	30	140S	200E	4304720502	12654	Federal	GW	P
FLATROCK 30-2A	30	140S	200E	4304730641	8112	Federal	GW	P
FLATROCK 30-3A	30	140S	200E	4304730729	11181	Federal	OW	TA

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/22/20032. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/22/20033. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/15/20034. Is the new operator registered in the State of Utah: YES Business Number: 4778935-0161

5. If NO, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 10/16/2003 BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on:

n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on:

n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on:

11/26/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on:

11/26/2003

3. Bond information entered in RBDMS on:

n/a

4. Fee wells attached to bond in RBDMS on:

n/a

5. Injection Projects to new operator in RBDMS on:

n/a

6. Receipt of Acceptance of Drilling Procedures for APD/New on:

n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number:

n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number:

UT 1245

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number:

n/a

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number

n/a

2. The FORMER operator has requested a release of liability from their bond on:

N/A

The Division sent response by letter on:

N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

N/A

**COMMENTS:**

Lease Owner Shaw Resources LTD, LLC designated Miller, Dyer & Co., LLC. Proof of lease was obtained from SITLA and BLM.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☐ Oil Well    ☒ Gas well    ☐ Other

## 2. Name of Operator

Miller, Dyer &amp; Co. LLC

## 3. Address and Telephone No.

475 17th Street, Suite 1200, Denver, CO 80202

303-292-0949

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached schedule

## 5. Lease Designation and Serial No.

UTU-10166

## 6. If Indian, Allottee or Tribe Name

## 7. If unit or CA, Agreement Designation

N/A

## 8. Well Name and No.

See attached schedule

## 9. API Well No.

See attached schedule

## 10. Field and Pool, or Exploratory Area

Flat Rock

## 11. County or Parish, State

Utah

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

## TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☒ Other Well Name Change
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Miller, Dyer & Co. LLC hereby designates a change in the well name of the above captioned wells effective 9/19/2005 as requested by the Ute Indian Tribe and the Bureau of Indian Affairs.

The words Del-Rio/Orion will be replaced with Ute Tribal on each of the wells.

COPY SENT TO OPERATOR

Date: 10-12-05  
Initials: CHD

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 10/14/05  
By: [Signature]

Federal Approval Of This  
Action Is Necessary

## 14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title

Vice President of OperationsDate 09/19/05

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED****\*See Instruction on Reverse Side****SEP 2 / 2005**

UTAH DIVISION OF OIL, GAS AND MINING



UTU-10166

<u>Field</u>		<u>API</u>	<u>Old Well Name</u>	<u>New Well Name</u>	<u>Well Location</u>
Flat Rock		4304733595	Del-Rio/Orion 28-1A	Ute Tribal 28-1A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 28: NW ¼ SW ¼
Flat Rock		4304730981	<b>Oil Canyon 29-1A</b>	<b>Ute Tribal 29-1A</b>	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 29: SW ¼ SW ¼
Flat Rock		4304732945	Del-Rio/Orion 29-2A	Ute Tribal 29-2A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 29: SE ¼ SW ¼
Flat Rock		4304732946	Del-Rio/Orion 29-3A	Ute Tribal 29-3A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 29: NW ¼ SW ¼
Flat Rock		4304733616	Del-Rio/Orion 29-4A	Ute Tribal 29-4A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 29: SW ¼ SE ¼
Flat Rock		4304733617	Del-Rio/Orion 29-5A	Ute Tribal 29-5A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 29: SE ¼ SE ¼
Flat Rock		4304734102	Del-Rio/Orion 29-6A	Ute Tribal 29-6A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 29: NE ¼ SW ¼
Flat Rock		4304734103	Del-Rio/Orion 29-7A	Ute Tribal 29-7A	<u>Township 14 South, Range 20 East,</u> <u>Uintah County, SLM, Utah</u> Section 29: SW ¼ NW ¼

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**6/1/2008**

<b>FROM: (Old Operator):</b> N2580-Miller, Dyer & Co, LLC 475 17th St, Suite 1200 Denver, CO 80202  Phone: 1 (303) 292-0949	<b>TO: ( New Operator):</b> N2680-Whiting Oil & Gas Company 1700 Broadway, Suite 2300 Denver, CO 80290  Phone: 1 (303) 837-1661
--	--

CA No.			Unit:			
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE
SEE ATTACHED LIST						

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/5/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/5/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/16/2008
- a. Is the new operator registered in the State of Utah: Business Number: 5890476-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: REQUESTED 7/16/2008
- b. Inspections of LA PA state/fee well sites complete on: done
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 7/16/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/16/2008
- Bond information entered in RBDMS on: 7/16/2008
- Fee/State wells attached to bond in RBDMS on: 7/16/2008
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/16/2008

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000148
- Indian well(s) covered by Bond Number: RLB0011681
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0004585
- b. The **FORMER** operator has requested a release of liability from their bond on: not yet

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
Whiting Oil And Gas Company *N2680*

3. ADDRESS OF OPERATOR: 1700 Broadway, Ste 2300 CITY Denver STATE CO ZIP 80290 PHONE NUMBER: (303) 837-1661

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:  
See Attached List

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
See Attached List

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 6/1/2008, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil and Gas Corporation. Whiting Oil and Gas Corporation Utah State bond is ~~#RLB00011670~~ or Utah BLM Bond #UTB-000148. See attached well list.

*RLB0004585*

*BIA RLB0011681*

Whiting Oil and Gas Corporation  
1700 Broadway, Suite 2300  
Denver, CO 80290  
(303) 837-1661

Miller, Dyer & Co., LLC  
475 17th Street, Suite 1200  
Denver, CO 80202

Miller, Dyer & Co., LLC

RECEIVED

JUN 05 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) *JEFFREY H. LANG* TITLE *VP OPERATIONS*  
SIGNATURE *[Signature]* DATE *6/3/08*

Whiting Oil and Gas Corporation

NAME (PLEASE PRINT) *Rick Ross* TITLE *VP OPERATIONS*  
SIGNATURE *[Signature]* DATE *6/3/08*

(This space for State use only)

APPROVED *7/16/2008*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

well_name	sec	tpw	rng	api	entity	lease	well	stat 2	flag
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	GW	S	
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	OW	P	
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	GW	S	
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	GW	P	
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	GW	P	
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	OW	P	
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	OW	P	
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	GW	P	
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	GW	S	
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	GW	P	
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	GW	P	
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	GW	S	
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	GW	P	
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	GW	P	
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	GW	P	
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	GW	P	
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	GW	S	
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	GW	P	
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	GW	P	
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	GW	P	
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	GW	S	
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	GW	P	
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	GW	P	
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	GW	S	
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	GW	P	
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	GW	P	
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	GW	P	
UTE TRIBAL 10-2-15-20	02	150S	200E	4304735625	14167	State	GW	P	
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	GW	P	
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	GW	P	
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	GW	P	
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	GW	P	C
UTE TRIBAL 1-25-14-19	30	140S	200E	4304739053		Indian	GW	APD	
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665		Federal	GW	APD	
UTE TRIBAL 9-30-14-20	30	140S	200E	4304739666		Federal	GW	APD	
UTE TRIBAL 7-30-14-20	30	140S	200E	4304739667		Federal	GW	APD	
UTE TRIBAL 7-29-14-20	29	140S	200E	4304739668		Federal	GW	APD	
UTE TRIBAL 9-29-14-20	29	140S	200E	4304739669		Federal	GW	APD	
UTE TRIBAL 12-28-14-20	28	140S	200E	4304739736		Federal	GW	APD	
UTE TRIBAL 1-29-14-20	29	140S	200E	4304739737		Federal	GW	APD	
UTE TRIBAL 15-29-14-20	29	140S	200E	4304739738		Federal	GW	APD	
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739		Federal	GW	APD	
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740		Federal	GW	APD	
UTE TRIBAL 3-32-14-20	32	140S	200E	4304739741		State	GW	APD	
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942		Federal	GW	APD	



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410  
<http://www.blm.gov/ut/st/en/fo/vernal/html>



IN REPLY REFER TO:

3162.3

LLUTG01100

December 3, 2008

John D'Hooge  
Whiting Oil & Gas Corp.  
1700 Broadway, Suite 2300  
Denver, CO 80290

4304730981

Re: Change of Operator  
Well No. Ute Tribal 29-1A  
SWSW, Sec. 29, T14S, R20E  
Uintah County, Utah  
Lease No. UTU-10166

Dear Mr. D'Hooge:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective June 1, 2008, Whiting Oil & Gas Corp. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UTB000148, for all operations conducted on the referenced well on the leased land.

If you have any other questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

Benna R. Muth  
I & E Specialist

cc: UDOGM  
Miller, Dyer & Co., LLC

RECEIVED

DEC 18 2008

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

UTU-10166

6. If Indian, Allottee or Tribe Name

Ute Indian Tribe (Surface)

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WHITING OIL & GAS CORP.

3a. Address

1700 BROADWAY, SUITE 2300, DENVER CO 80290

3b. Phone No. (include area code)

303-837-1661

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FWL, 660' FSL, SWSW, SEC 29, T14S, R20E

7. If Unit of CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

UTE TRIBAL 29-1A

9. API Well No.

43-047-30981

10. Field and Pool or Exploratory Area

FLAT ROCK

11. Country or Parish, State

UINTAH, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Subsequent Report

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Final Abandonment Notice

☐ Casing Repair

☐ New Construction

☐ Recomplete

☒ Other Change of Operator

☐ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

☐ Convert to Injection

☐ Plug Back

☐ Water Disposal

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Effective 6/1/2008, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil & Gas Corporation. Whiting Oil and Gas Corporation's Utah BLM bond is for \$25,000 under bond number UTB-000148.

Please be advised that Whiting Oil and Gas Corp. is considered to be the operator of the above referenced well and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Whiting Oil and Gas Corporation  
1700 Broadway, Suite 2300  
Denver, CO 80290  
(303) 837-1661

RECEIVED

DEC 18 2008

DIV. OF OIL, GAS & MINING

DEPT OF THE INTERIOR  
BUREAU OF LAND MGMT

2008 JUN 2 PM 4 02

RECEIVED  
VERNAL FIELD OFFICE

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

John D'Hooge

Title Central Rockies Asset Manager

Signature

Date

6/1/08

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Berna Smith

Title

I&E Specialist

Date

12-3-08

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

**VERNAL FIELD OFFICE**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date: 8/1/2015

FORMER OPERATOR:	NEW OPERATOR:
WHITING OIL & GAS CORPORATION N2680 1700 BROADWAY SUITE 2300 DENVER CO 80290	COBRA OIL & GAS CORPORATION N4270 PO BOX 8206 WICHITA FALLS TX 76307-8206
CA Number(s):	Unit Name: None

**WELL INFORMATION:**

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

**OPERATOR CHANGES DOCUMENTATION:**

1. Sundry or legal documentation was received from the **FORMER** operator on: 8/4/2015
2. Sundry or legal documentation was received from the **NEW** operator on: 8/4/2015
3. New operator Division of Corporations Business Number: 9442951-0143

**REVIEW:**

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 10/5/2015
4. OPS/SI/TA well(s) reviewed for full cost bonding: 10/2/2015
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: Chimney Rock Compressor  
Flat Rock Compressor
7. Inspections of PA state/fee well sites complete on (only upon operators request): 10/15/2015

**NEW OPERATOR BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: B009425
2. Indian well(s) covered by Bond Number: B009425
3. State/fee well(s) covered by Bond Number(s): B009455  
B009568-FCB  
B009567-FCB  
B009566-FCB

**DATA ENTRY:**

1. Well(s) update in the **OGIS** on: 10/14/2015
2. Entity Number(s) updated in **OGIS** on: 10/14/2015
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 10/14/2015
6. Surface Facilities update in **RBDMS** on: 10/14/2015

**LEASE INTEREST OWNER NOTIFICATION:**

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

From: Whiting Oil Gas Corporation

To: Cobra Oil Gas Corporation

Effective: 8/1/2015

Well Name	Section	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	Indian	GW	P
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	Indian	OW	P
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	Indian	GW	P
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	Indian	GW	P
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	Indian	GW	P
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	State	GW	P
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	State	GW	P
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	Indian	GW	P
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	Indian	GW	P
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	Indian	GW	P
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	Indian	GW	P
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	Indian	GW	P
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	Indian	GW	P
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	Indian	GW	P
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	Indian	GW	P
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	Indian	GW	P
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	Indian	GW	P
UTE TRIBAL 10-2-15-20	2	150S	200E	4304735625	14167	State	Indian	GW	P
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	Indian	GW	P
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	Indian	GW	P
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	Indian	GW	P
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	Indian	GW	P
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665	16997	Federal	Indian	GW	P
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739	17526	Federal	Indian	GW	P
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740	17358	Federal	Indian	GW	P
UTE TRIBAL 5-32-14-20	32	140S	200E	4304739741	17406	State	Indian	GW	P
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942	17237	Federal	Indian	GW	P
UTE TRIBAL 1-25-14-19	30	140S	200E	4304750654	17454	Indian	Indian	GW	P
UTE TRIBAL 13-25-14-19	26	140S	190E	4304750689	17808	Indian	Indian	GW	P
UTE TRIBAL 5-25-14-19	26	140S	190E	4304750690	17760	Indian	Indian	GW	P
UTE TRIBAL 3-25-14-19	30	140S	200E	4304751030	17759	Indian	Indian	GW	P
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	State	GW	PA
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	Indian	GW	PA
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992	17354	State	Indian	D	PA
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993	17355	State	Indian	D	PA
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994	17356	State	Indian	D	PA
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053	17353	Indian	Indian	D	PA
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	Indian	GW	S
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	Indian	GW	S
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	Indian	OW	S
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	Indian	OW	S
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	Indian	GW	S
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	Indian	GW	S
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	Indian	GW	S
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	Indian	GW	S



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached exhibit

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

See attached exhibit

7. UNIT or CA AGREEMENT NAME:

See attached exhibit

8. WELL NAME and NUMBER:

See attached exhibit

9. API NUMBER:

See attach

10. FIELD AND POOL, OR WILDCAT:

See attached exhibit

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER See attached exhibit

2. NAME OF OPERATOR:

COBRA OIL & GAS CORPORATION N4270

3. ADDRESS OF OPERATOR:

PO Box 8206

Wichita Falls

TX

76307-8206

PHONE NUMBER:

(940) 716-5100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached exhibit

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION



NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:



SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

8/1/2015



ACIDIZE



ALTER CASING



CASING REPAIR



CHANGE TO PREVIOUS PLANS



CHANGE TUBING



CHANGE WELL NAME



CHANGE WELL STATUS



COMINGLE PRODUCING FORMATIONS



CONVERT WELL TYPE



DEEPEN



FRACTURE TREAT



NEW CONSTRUCTION



OPERATOR CHANGE



PLUG AND ABANDON



PLUG BACK



PRODUCTION (START/RESUME)



RECLAMATION OF WELL SITE



RECOMPLETE - DIFFERENT FORMATION



REPERFORATE CURRENT FORMATION



SIDETRACK TO REPAIR WELL



TEMPORARILY ABANDON



TUBING REPAIR



VENT OR FLARE



WATER DISPOSAL



WATER SHUT-OFF



OTHER: \_\_\_\_\_

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective August 1, 2015, Whiting Oil & Gas Corporation resigned as Operator of the wells listed on the attached Exhibit, and Cobra Oil & Gas Corporation has been designated as successor Operator.

Cobra Oil & Gas Corporation  
PO Box 8206  
Wichita Falls, TX 76307-8206  
Phone: (940) 716-5100

Whiting Oil & Gas Corporation N2680  
1700 Broadway, Suite 2300  
Denver, CO 80290  
Phone: (303) 837-1661



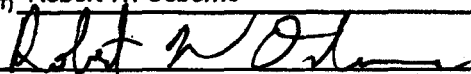
Rick Ross, Senior Vice President - Operations

Bonds through U.S. Specialty Insurance Company  
Utah State Bond: B009455  
BLM Nationwide Bond: B009425

NAME (PLEASE PRINT) Robert W. Osborne

TITLE Vice President

SIGNATURE



DATE

7/14/15

(This space for State use only)

**APPROVED**

(5/2000)

(See Instructions on Reverse Side)

OCT 14 2015

DIV. OIL GAS & MINING  
BY: Rachel Medina

# Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
CHIMNEY ROCK 32-11	ML-47437		4304733445	SEEP RIDGE B	UINTAH	UT	DAKOTA	32-T13S-R21E
CHIMNEY ROCK 32-13	ML-47437		4304733447	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
CHIMNEY ROCK 32-14	ML-47437		4304733448	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
FLAT ROCK 13-29-14-20	UTU10166		4304736778	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
FLAT ROCK 13-32-14-20	ML-44317		4304736992	FLAT ROCK	UINTAH	UT	WINGT	32-T14S-R20E
FLAT ROCK 14-32-14-20	ML-44317		4304736993	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 15-32-14-20	ML-44317		4304736994	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 30-3A	UTU019837		<del>4304730729</del>	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E
FLAT ROCK 3-29-14-20	UTU10166		4304736795	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
UTE TRIBAL 10-2-15-20	ML-46842		4304735625	FLAT ROCK	UINTAH	UT	WASATCH	2-T15S-R20E
UTE TRIBAL 11-30-14-20	UTU019837		4304739740	FLAT ROCK	UINTAH	UT	DAKOTA-BUCKHORN	30-T14S-R20E
UTE TRIBAL 1-25-14-19	1420H625581	Ute Tribe	4304750654	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 1-30-14-20	UTU019837		4304739665	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 13-25-14-19	1420H625581	Ute Tribe	4304750689	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 15-25-14-19	1420H625581	Ute Tribe	4304739052	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 15-30-14-20	UTU019837		4304739942	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 28-1A	UTU10166		4304733595	FLAT ROCK	UINTAH	UT	DAKOTA	28-T14S-R20E
UTE TRIBAL 29-1A	UTU10166		4304730981	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-2A	UTU10166		4304732945	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-3A	UTU10166		4304732946	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-4A	UTU10166		4304733616	FLAT ROCK	UINTAH	UT	DAKOTA	29-T14S-R20E
UTE TRIBAL 29-5A	UTU10166		4304733617	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	29-T14S-R20E
UTE TRIBAL 29-6A	UTU10166		4304734102	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 29-7A	UTU10166		4304734103	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 30-1	UTU019837		<del>4304715764</del>	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-2A	UTU019837		4304730641	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-3A	UTU019837		4304710913	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-4A	UTU019837		4304716520	FLAT ROCK	UINTAH	UT	TW	30-T14S-R20E
UTE TRIBAL 30-5A	UTU019837		4304720502	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-6A	UTU019837		4304733596	FLAT ROCK	UINTAH	UT	DAKOTA	30-T14S-R20E
UTE TRIBAL 32-10A	ML-44317		<del>4304733620</del>	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-11A	ML-44317		4304733621	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-12A	ML-44317		4304733558	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-16A	ML-44317		4304734098	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-1A	ML-44317		4304732758	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-2A	ML-44317		4304733333	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-3A	ML-44317		4304733334	FLAT ROCK	UINTAH	UT	WASATCH-MESAVERDE	32-T14S-R20E
UTE TRIBAL 32-4A	ML-44317		4304733335	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 3-25-14-19	1420H625581	Ute Tribe	4304751030	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E

## Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
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UTE TRIBAL 32-6A	ML-44317		4304733337	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-7A	ML-44317		4304733618	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-8A	ML-44317		4304733557	FLAT ROCK	UINTAH	UT	DAKOTA	32-T14S-R20E
UTE TRIBAL 32-9A	ML-44317		4304733619	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 3-30-14-20	UTU019837		4304739739	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 5-25-14-19	1420H625581	Ute Tribe	4304750690	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 5-32-14-20	ML-44317		4304739741	FLAT ROCK	UINTAH	UT	DAKOTA ENTRADA	32-T14S-R20E
UTE TRIBAL 6-16-14-20	ML-47502		4304738506	FLAT ROCK	UINTAH	UT	ENTRADA	16-T14S-R20E
UTE TRIBAL 8-25-14-19	1420H625581	Ute Tribe	4304739053	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E



RECEIVED

AUG 04 2015

DIV. OF OIL, GAS & MINING

July 16, 2015

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Re: Change of Operator

Whiting Oil and Gas Corporation respectfully submits change of operator  
sundries for Flat Rock field in Uintah County, UT.

The new operator is  
Cobra Oil and Gas Corporation  
PO Box 8206  
Wichita Falls, TX 76307-8206  
Phone: (940) 716-5100

Regulatory Admin for Cobra:  
Barbara Pappas  
940-716-5103  
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need  
additional information.

Best Regards,

Cara Mezydlo,  
Engineering Technician III – Central Rockies Asset Group  
(303) 876-7091  
Cara.mezydlo@whiting.com

*Whiting Petroleum Corporation  
and its wholly owned subsidiary  
Whiting Oil and Gas Corporation*

1700 Broadway, Suite 2300, Denver, Colorado 80290-2300 Office: 303.837.1661 Fax: 303.861.4023



RECEIVED  
AUG 04 2015  
DIV. OF OIL, GAS & MINING

July 16, 2015

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
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Phone: (940) 716-5100

Regulatory Admin for Cobra:  
Barbara Pappas  
940-716-5103  
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need  
additional information.

Best Regards,

Cara Mezydlo,  
Engineering Technician III – Central Rockies Asset Group  
(303) 876-7091  
Cara.mezydlo@whiting.com

*Whiting Petroleum Corporation  
and its wholly owned subsidiary  
Whiting Oil and Gas Corporation*

1700 Broadway, Suite 2300, Denver, Colorado 80290-2300 Office: 303.837.1661 Fax: 303.861.4023



Rachel Medina <rachelmedina@utah.gov>

## Plugged Wells

8 messages

**Rachel Medina** <rachelmedina@utah.gov>  
To: Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 6, 2015 at 11:05 AM

Hi Barbara,

The following Whiting wells are listed on the request for the Cobra operator change, but are currently plugged. Our Division does not usually move plugged well unless the new operator has plans to reenter the wells. Will this be the case for Cobra?

CHIMNEY ROCK 32-11	32	130S	210E	4304733445
UTE TRIBAL 32-11A	32	140S	200E	4304733621
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053

Also, the following wells were listed on the exhibit but are not currently operated by Whiting. They will not move in the operator change.

Flat Rock 30-3A 4304730729  
Ute Tribal 30-1 4304715764  
Ute Tribal 30-4A 4304716520

Thanks!

—  
Rachel Medina  
Division of Oil, Gas & Mining  
Bonding Technician  
801-538-5260

**Rachel Medina** <rachelmedina@utah.gov>  
To: Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 6, 2015 at 2:36 PM

Hi Barbara,

Cobra is also taking over 3 State/Fee wells that have been shut in for over a year. Because of this our Petroleum Engineer is requesting a shut in plan and full cost bonding. For the shut in plan you will need to submit an outline and time frame of the plans for each well. To determine full cost bonding you will need to submit a plugging estimate, our engineer will evaluate the cost and set the bond for each well at the estimate or depth bonding (as outline in the rules), whichever is greater.

Please let me know if you have any questions.

Thanks!

[Quoted text hidden]

**Barbara Pappas** <barbara@cobraogc.com>  
To: Rachel Medina <rachelmedina@utah.gov>

Thu, Aug 6, 2015 at 3:10 PM

Rachel:

I have forwarded to my managers and hopefully will have an answer for you soon.

Thanks,

Barbara

**From:** Rachel Medina [mailto:rachelmedina@utah.gov]  
**Sent:** Thursday, August 06, 2015 3:37 PM  
**To:** Barbara Pappas <barbara@cobraogc.com>  
**Subject:** Re: Plugged Wells

[Quoted text hidden]

---

**Rachel Medina** <rachelmedina@utah.gov>  
To: Barbara Pappas <barbara@cobraogc.com>

Fri, Aug 14, 2015 at 8:58 AM

Hi Barbara,

The Division received confirmation that the plugged wells need to be moved to Cobra. At this point we are waiting for shut in plans and plugging estimates on the following wells.

UTE TRIBAL 32-1A  
UTE TRIBAL 32-3A  
UTE TRIBAL 32-4A

Thanks!

[Quoted text hidden]

---

**Charlie Gibson** <charlie@cobraogc.com>  
To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>  
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Wed, Aug 19, 2015 at 8:40 AM

Rachel,

We have studied the wells listed below and our estimate to plug the wells is \$20,000/well. We also believe that the wells still have economic potential and plan on working on the wells by 10-1-2015 to attempt to re-establish production. Let me know if you have any questions.

**Charlie Gibson**

Operations Manager

**Cobra Oil & Gas**

(940)716-5100 (o)

(940)781-6260 (c)

**From:** Rachel Medina [mailto:rachelmedina@utah.gov]  
**Sent:** Friday, August 14, 2015 9:59 AM  
**To:** Barbara Pappas <barbara@cobraogc.com>  
**Subject:** Re: Plugged Wells

Hi Barbara,

[Quoted text hidden]

[Quoted text hidden]

---

**Rachel Medina** <rachelmedina@utah.gov>  
To: Dustin Doucet <dustindoucet@utah.gov>

Wed, Aug 19, 2015 at 4:46 PM

What are you thoughts on the full cost bonding and the shut in plan?  
[Quoted text hidden]

---

**Dustin Doucet** <dustindoucet@utah.gov>  
To: Rachel Medina <rachelmedina@utah.gov>

Wed, Aug 19, 2015 at 6:16 PM

Without more supporting evidence of their P&A cost estimate, I don't feel comfortable with the estimate provided. It appears several plugs may need to be drilled out to properly isolate formations with open perfs with cement as required by rule. I doubt this was taken into consideration in their estimates. Since they are proposing to work the wells over by October 1, 2015, I would be willing to accept the \$30,000 depth bond per well to get these transferred and let them get the work done with the caveat that we will require more information on P&A costs and would require full cost bonds if found to be more than \$30K per well if the work is not done by October 1, 2015.

[Quoted text hidden]

—  
Dustin K. Doucet  
Petroleum Engineer  
Division of Oil, Gas and Mining  
1594 West North Temple, Ste 1210  
Salt Lake City, Utah 84116  
801.538.5281 (ofc)  
801.359.3940 (fax)

web: www.ogm.utah.gov

---

**Rachel Medina** <rachelmedina@utah.gov>  
To: Charlie Gibson <charlie@cobraogc.com>  
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 20, 2015 at 9:09 AM

Hi Charlie,

The following is our Petroleum Engineer's review;

- Ute Tribal 32-1A, Ute Tribal 32-3A and Ute Tribal 32-4A are each required to have a \$30,000.00 individual bond.
- Cobra's plan to put the wells on production by October 1, 2015 is accepted, however a condition has been placed that if the wells are not producing by October 1st the Division **will require** a new P&A estimate be



submitted and reviewed for full cost bonding.

Please submit bonding for each well, if Cobra needs the new bonding forms again please let me know. As soon as the bond is received we can begin to process the operator change.

Thanks!

[Quoted text hidden]



Rachel Medina &lt;rachelmedina@utah.gov&gt;

## Utah Change of Operator from Whiting to Cobra

1 message

**Charlie Gibson** <charlie@cobraogc.com>

Thu, Aug 13, 2015 at 2:17 PM

To: "rachelmedina@utah.gov" &lt;rachelmedina@utah.gov&gt;

Cc: Jeff Dillard &lt;jeff@cobraogc.com&gt;, Bob Osborne &lt;bob@cobraogc.com&gt;, Stephen Howard &lt;Showard@basinoilandgas.com&gt;, Caven Crosnoe &lt;ccrosnoe@scglaw.com&gt;, Rory Edwards &lt;rory@cobraogc.com&gt;, Phil Rugeley &lt;phil@cobraogc.com&gt;, Rick Haskin &lt;rick@cobraogc.com&gt;, Barbara Pappas &lt;barbara@cobraogc.com&gt;

Dear Rachel,

We have been informed by Whiting Oil and Gas Corporation that you have requested an email from Cobra Oil & Gas Corporation acknowledging that we have agreed to assume all plugging, abandoning and reclamation obligations for the wells described below. In accordance with the terms and conditions of the Purchase and Sale Agreement (Agreement) between Whiting Oil and Gas Corporation (Seller) and Cobra Oil & Gas Corporation, et al (Buyer), please be advised the Buyer assumed the obligation to plug and abandon all wells located on the Lands and reclaim all well sites located on the Lands regardless of when the obligations arose. Accordingly Cobra Oil and Gas Corporation, as Operator, assumes those obligations and liabilities associated with the wells described below:

CHIMNEY ROCK 32130S 210E 4304733445  
32-11

UTE TRIBAL 32- 32140S 200E 4304733621  
11A

FLAT ROCK 13- 32140S 200E 4304736992  
32-14-20

FLAT ROCK 14- 32140S 200E 4304736993  
32-14-20

FLAT ROCK 15- 32140S 200E4304736994  
32-14-20

UTE TRIBAL 8- 30140S 200E4304739053  
25-14-19

Flat Rock 30-3A 4304730729

Ute Tribal 30-1 4304715764

Ute Tribal 30-4A 4304716520

Sincerely,

**Charlie Gibson**

Operations Manager

**Cobra Oil & Gas**

**(940)716-5100 (o)**

**(940)781-6260 (c)**